

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007740.D
 Acq On : 04 Mar 2022 14:17
 Operator : SY/MD
 Sample : VY0304SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Quant Time: Mar 05 04:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	368398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	556306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	500890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	249253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	201068	52.134	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.260%			
35) Dibromofluoromethane	7.722	113	207788	58.423	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.840%			
50) Toluene-d8	10.185	98	723085	55.230	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.460%			
62) 4-Bromofluorobenzene	12.483	95	232620	55.121	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	53705	19.982	ug/l	100
3) Chloromethane	2.119	50	70144	13.958	ug/l	91
4) Vinyl Chloride	2.259	62	96677	17.493	ug/l	99
5) Bromomethane	2.650	94	94300	21.111	ug/l	99
6) Chloroethane	2.796	64	69163	16.318	ug/l	98
7) Trichlorofluoromethane	3.137	101	123893	19.620	ug/l	91
8) Diethyl Ether	3.540	74	39517	19.449	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	78408	20.341	ug/l	96
10) Methyl Iodide	4.100	142	88453	18.861	ug/l	92
11) Tert butyl alcohol	4.966	59	31732	95.030	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	67907	19.850	ug/l	85
13) Acrolein	3.741	56	33637	96.062	ug/l	97
14) Allyl chloride	4.491	41	89233	17.342	ug/l #	87
15) Acrylonitrile	5.167	53	100722	93.912	ug/l	97
16) Acetone	3.954	43	73494	93.673	ug/l	90
17) Carbon Disulfide	4.204	76	172799	18.582	ug/l	99
18) Methyl Acetate	4.485	43	47832	17.134	ug/l #	83
19) Methyl tert-butyl Ether	5.234	73	203690	19.184	ug/l	96
20) Methylene Chloride	4.728	84	89718	21.325	ug/l #	80
21) trans-1,2-Dichloroethene	5.234	96	79687	19.963	ug/l	83
22) Diisopropyl ether	6.125	45	221167	17.992	ug/l #	93
23) Vinyl Acetate	6.070	43	709659	91.290	ug/l #	91
24) 1,1-Dichloroethane	6.027	63	138550	18.654	ug/l	97
25) 2-Butanone	6.996	43	123680	93.971	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	131013	19.821	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	92024	19.660	ug/l	87
28) Bromochloromethane	7.344	49	52493	16.619	ug/l #	79
29) Tetrahydrofuran	7.356	42	81822	90.857	ug/l #	81
30) Chloroform	7.514	83	150253	19.527	ug/l	98
31) Cyclohexane	7.789	56	121827	17.968	ug/l #	79
32) 1,1,1-Trichloroethane	7.703	97	136992	20.004	ug/l	97
36) 1,1-Dichloropropene	7.923	75	110663	19.779	ug/l	97
37) Ethyl Acetate	7.082	43	57625	18.648	ug/l #	93
38) Carbon Tetrachloride	7.905	117	123701	20.727	ug/l	95
39) Methylcyclohexane	9.191	83	137737	20.031	ug/l #	86
40) Benzene	8.167	78	312905	20.096	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007740.D
 Acq On : 04 Mar 2022 14:17
 Operator : SY/MD
 Sample : VY0304SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Quant Time: Mar 05 04:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27608m	18.695	ug/l	
42) 1,2-Dichloroethane	8.246	62	97388	20.044	ug/l	94
43) Isopropyl Acetate	8.277	43	106590	18.652	ug/l #	91
44) Trichloroethene	8.947	130	92482	21.386	ug/l	92
45) 1,2-Dichloropropane	9.222	63	77745	19.308	ug/l	95
46) Dibromomethane	9.307	93	49403	20.439	ug/l	97
47) Bromodichloromethane	9.502	83	116076	20.475	ug/l	99
48) Methyl methacrylate	9.295	41	47457	19.158	ug/l #	83
49) 1,4-Dioxane	9.301	88	12358	423.504	ug/l #	82
51) 4-Methyl-2-Pentanone	10.075	43	290793	95.099	ug/l	90
52) Toluene	10.246	92	202840	20.147	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	115520	19.847	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	128955	20.053	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	68689	20.889	ug/l	98
56) Ethyl methacrylate	10.514	69	86225	19.751	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	112142	20.168	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.788	63	211327	88.762	ug/l	93
59) 2-Hexanone	10.837	43	200788	97.508	ug/l	87
60) Dibromochloromethane	10.989	129	83827	21.409	ug/l	99
61) 1,2-Dibromoethane	11.093	107	64742	20.657	ug/l	98
64) Tetrachloroethene	10.721	164	78037	21.018	ug/l	98
65) Chlorobenzene	11.520	112	223971	20.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	84994	20.828	ug/l	98
67) Ethyl Benzene	11.599	91	392485	19.944	ug/l	99
68) m/p-Xylenes	11.709	106	305450	40.452	ug/l	93
69) o-Xylene	12.032	106	144937	20.255	ug/l	92
70) Styrene	12.044	104	238506	19.907	ug/l	96
71) Bromoform	12.209	173	53628	21.106	ug/l #	100
73) Isopropylbenzene	12.331	105	395014	20.343	ug/l	100
74) N-amyl acetate	12.148	43	92232	17.843	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	82945	20.366	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54860m	19.709	ug/l	
77) Bromobenzene	12.611	156	93017	20.797	ug/l	90
78) n-propylbenzene	12.672	91	466957	19.929	ug/l	99
79) 2-Chlorotoluene	12.757	91	251877	20.088	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	312738	20.142	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	24903	18.290	ug/l	93
82) 4-Chlorotoluene	12.861	91	257326	19.952	ug/l	95
83) tert-Butylbenzene	13.081	119	294918	20.650	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	307336	20.095	ug/l	97
85) sec-Butylbenzene	13.257	105	430218	20.363	ug/l	100
86) p-Isopropyltoluene	13.373	119	358541	20.547	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	185424	20.833	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	183936	20.939	ug/l	98
89) n-Butylbenzene	13.696	91	333887	20.246	ug/l	98
90) Hexachloroethane	13.965	117	67586	20.433	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	164785	20.851	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12331	19.993	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	103553	20.697	ug/l	98
94) Hexachlorobutadiene	15.117	225	63003	21.298	ug/l	99
95) Naphthalene	15.239	128	197736	19.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	90197	20.227	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007740.D
Acq On : 04 Mar 2022 14:17
Operator : SY/MD
Sample : VY0304SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/07/2022
Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 04:23:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007740.D
 Acq On : 04 Mar 2022 14:17
 Operator : SY/MD
 Sample : VY0304SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 04:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

