

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007341.D
 Acq On : 31 Jan 2022 16:27
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/02/2022

Quant Time: Feb 01 01:53:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77049	48.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.640%		
35) Dibromofluoromethane	7.722	113	73117	49.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.500%		
50) Toluene-d8	10.185	98	254511	47.396	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.800%		
62) 4-Bromofluorobenzene	12.483	95	93359	48.875	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	8232	18.064	ug/l	94
3) Chloromethane	2.119	50	17064	17.856	ug/l	95
4) Vinyl Chloride	2.259	62	25088	18.038	ug/l	97
5) Bromomethane	2.656	94	17290	19.198	ug/l	100
6) Chloroethane	2.796	64	17137	19.747	ug/l	96
7) Trichlorofluoromethane	3.131	101	34729	23.169	ug/l	99
8) Diethyl Ether	3.527	74	15751	19.082	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	28578	19.568	ug/l	99
10) Methyl Iodide	4.094	142	38816	17.970	ug/l	97
11) Tert butyl alcohol	4.948	59	15145	108.663	ug/l	98
12) 1,1-Dichloroethene	3.881	96	27174	18.478	ug/l	93
13) Acrolein	3.735	56	4305	123.551	ug/l	95
14) Allyl chloride	4.485	41	45043	19.102	ug/l	97
15) Acrylonitrile	5.173	53	42186	106.341	ug/l	98
16) Acetone	3.948	43	38599	93.267	ug/l	100
17) Carbon Disulfide	4.198	76	61843	15.143	ug/l	100
18) Methyl Acetate	4.479	43	38118	25.885	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	58753	20.293	ug/l	98
20) Methylene Chloride	4.716	84	32020	18.711	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	28557	17.912	ug/l	96
22) Diisopropyl ether	6.125	45	96240	20.146	ug/l	97
23) Vinyl Acetate	6.064	43	252254	89.791	ug/l	99
24) 1,1-Dichloroethane	6.027	63	56594	19.475	ug/l	99
25) 2-Butanone	6.990	43	54104	101.115	ug/l	95
26) 2,2-Dichloropropane	6.990	77	42068	19.864	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	34789	19.236	ug/l	97
28) Bromochloromethane	7.344	49	15725	14.960	ug/l	96
29) Tetrahydrofuran	7.350	42	36549	106.260	ug/l	96
30) Chloroform	7.515	83	60997	20.202	ug/l	97
31) Cyclohexane	7.789	56	47347	17.562	ug/l #	91
32) 1,1,1-Trichloroethane	7.710	97	52578	20.373	ug/l	96
36) 1,1-Dichloropropene	7.923	75	44169	18.818	ug/l	99
37) Ethyl Acetate	7.082	43	25572	21.229	ug/l	97
38) Carbon Tetrachloride	7.911	117	47821	19.370	ug/l	98
39) Methylcyclohexane	9.185	83	51520	17.977	ug/l	97
40) Benzene	8.167	78	121747	19.445	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007341.D
 Acq On : 31 Jan 2022 16:27
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/02/2022

Quant Time: Feb 01 01:53:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	13078m	18.853	ug/l	
42) 1,2-Dichloroethane	8.240	62	39664	20.118	ug/l	99
43) Isopropyl Acetate	8.277	43	47868	20.423	ug/l	98
44) Trichloroethene	8.941	130	32289	19.058	ug/l	98
45) 1,2-Dichloropropane	9.222	63	31754	19.944	ug/l	97
46) Dibromomethane	9.307	93	18340	19.479	ug/l	98
47) Bromodichloromethane	9.502	83	46749	20.197	ug/l	97
48) Methyl methacrylate	9.295	41	21048	19.743	ug/l	96
49) 1,4-Dioxane	9.301	88	4409	434.311	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	124163	104.477	ug/l	97
52) Toluene	10.246	92	77223	19.458	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	48702	19.932	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	53781	19.664	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	26348	20.631	ug/l	96
56) Ethyl methacrylate	10.514	69	35892	19.949	ug/l	94
57) 1,3-Dichloropropane	10.794	76	44716	20.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	89251	109.095	ug/l	99
59) 2-Hexanone	10.837	43	83634	103.695	ug/l	97
60) Dibromochloromethane	10.990	129	31437	20.025	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25339	20.196	ug/l	100
64) Tetrachloroethene	10.721	164	27076	19.640	ug/l	96
65) Chlorobenzene	11.520	112	83250	19.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	30801	19.868	ug/l	99
67) Ethyl Benzene	11.593	91	155453	19.777	ug/l	99
68) m/p-Xylenes	11.703	106	115005	39.372	ug/l	100
69) o-Xylene	12.032	106	54771	19.911	ug/l	99
70) Styrene	12.044	104	92870	20.013	ug/l	99
71) Bromoform	12.209	173	18279	20.385	ug/l #	99
73) Isopropylbenzene	12.331	105	150556	19.365	ug/l	99
74) N-amyl acetate	12.148	43	40772	19.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30380	20.095	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20639m	20.108	ug/l	
77) Bromobenzene	12.611	156	33629	19.879	ug/l	97
78) n-propylbenzene	12.672	91	186889	19.391	ug/l	99
79) 2-Chlorotoluene	12.758	91	103097	19.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	124156	19.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10702	19.089	ug/l #	96
82) 4-Chlorotoluene	12.855	91	107120	19.164	ug/l	100
83) tert-Butylbenzene	13.075	119	112620	20.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	123055	19.448	ug/l	99
85) sec-Butylbenzene	13.257	105	161051	19.517	ug/l	99
86) p-Isopropyltoluene	13.373	119	133351	19.664	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	65133	19.670	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64697	19.431	ug/l	99
89) n-Butylbenzene	13.696	91	131246	19.656	ug/l	100
90) Hexachloroethane	13.965	117	26844	20.248	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	58001	19.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4874	18.667	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	35079	19.580	ug/l	99
94) Hexachlorobutadiene	15.117	225	19356	20.963	ug/l	96
95) Naphthalene	15.239	128	74087	19.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30773	20.133	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
Data File : VY007341.D
Acq On : 31 Jan 2022 16:27
Operator : SY/MD
Sample : VY0131SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

Quant Time: Feb 01 01:53:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

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

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

