

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005311.D
 Acq On : 01 Jul 2021 14:04
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:57:36 PM

Quant Time: Jul 02 05:14:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	253050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126496	60.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.480%			
35) Dibromofluoromethane	7.728	113	116883	54.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.740%			
50) Toluene-d8	10.185	98	471556	54.849	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.700%			
62) 4-Bromofluorobenzene	12.483	95	162202	56.617	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37992	22.833	ug/l	97
3) Chloromethane	2.119	50	51816	23.382	ug/l	98
4) Vinyl Chloride	2.253	62	58114	22.936	ug/l	97
5) Bromomethane	2.643	94	40052	24.922	ug/l	98
6) Chloroethane	2.796	64	37577	22.679	ug/l	99
7) Trichlorofluoromethane	3.131	101	76118	22.472	ug/l	98
8) Diethyl Ether	3.534	74	28808	22.734	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	47332	22.825	ug/l	99
10) Methyl Iodide	4.100	142	54811	18.580	ug/l	98
11) Tert butyl alcohol	4.954	59	53353	192.228	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	45226	21.586	ug/l	90
13) Acrolein	3.741	56	14155	137.182	ug/l	93
14) Allyl chloride	4.485	41	74321	24.695	ug/l	96
15) Acrylonitrile	5.180	53	73146	124.265	ug/l	100
16) Acetone	3.960	43	61736	127.260	ug/l	97
17) Carbon Disulfide	4.198	76	147660	22.408	ug/l	99
18) Methyl Acetate	4.485	43	33605	26.066	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	129760	22.653	ug/l	96
20) Methylene Chloride	4.728	84	70467	22.686	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	52225	22.386	ug/l	94
22) Diisopropyl ether	6.131	45	160352	25.631	ug/l	96
23) Vinyl Acetate	6.070	43	514672	127.125	ug/l	95
24) 1,1-Dichloroethane	6.027	63	92381	23.792	ug/l	97
25) 2-Butanone	7.002	43	90096	127.367	ug/l	91
26) 2,2-Dichloropropane	6.990	77	77928	23.015	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	58390	22.254	ug/l	94
28) Bromochloromethane	7.344	49	37705	24.271	ug/l	88
29) Tetrahydrofuran	7.356	42	60435	129.855	ug/l	92
30) Chloroform	7.515	83	92970	23.529	ug/l	95
31) Cyclohexane	7.789	56	86249	23.006	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	80664	22.889	ug/l	98
36) 1,1-Dichloropropene	7.923	75	72651	22.633	ug/l	98
37) Ethyl Acetate	7.088	43	42082	25.423	ug/l	98
38) Carbon Tetrachloride	7.905	117	73992	22.020	ug/l	99
39) Methylcyclohexane	9.185	83	88004	21.184	ug/l	95
40) Benzene	8.167	78	214265	22.637	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005311.D
 Acq On : 01 Jul 2021 14:04
 Operator : SY/MD
 Sample : VY0701SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:57:36 PM

Quant Time: Jul 02 05:14:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21199	23.092	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	62438	24.287	ug/l	97
43) Isopropyl Acetate	8.283	43	73748	24.239	ug/l	97
44) Trichloroethene	8.947	130	58715	21.941	ug/l	99
45) 1,2-Dichloropropane	9.222	63	53488	23.616	ug/l	100
46) Dibromomethane	9.307	93	29884	22.688	ug/l	97
47) Bromodichloromethane	9.502	83	71134	23.032	ug/l	99
48) Methyl methacrylate	9.301	41	33339	24.977	ug/l	91
49) 1,4-Dioxane	9.307	88	8392	484.498	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	204987	128.720	ug/l	95
52) Toluene	10.246	92	135299	22.364	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	77905	23.044	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	87449	22.944	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	44606	23.190	ug/l	99
56) Ethyl methacrylate	10.514	69	59790	22.898	ug/l	93
57) 1,3-Dichloropropane	10.794	76	75162	23.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	145126	126.016	ug/l	96
59) 2-Hexanone	10.837	43	138808	126.730	ug/l	95
60) Dibromochloromethane	10.989	129	53674	22.779	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42424	22.674	ug/l	98
64) Tetrachloroethene	10.721	164	54399	21.426	ug/l	99
65) Chlorobenzene	11.520	112	148369	21.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	54858	21.673	ug/l	100
67) Ethyl Benzene	11.593	91	253284	21.539	ug/l	100
68) m/p-Xylenes	11.703	106	202637	43.011	ug/l	98
69) o-Xylene	12.032	106	94288	21.135	ug/l	97
70) Styrene	12.044	104	163220	21.759	ug/l	99
71) Bromoform	12.209	173	38092	22.117	ug/l #	99
73) Isopropylbenzene	12.331	105	247099	20.722	ug/l	100
74) N-amyl acetate	12.148	43	67628	23.964	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	51885	22.082	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	35016m	21.475	ug/l	
77) Bromobenzene	12.611	156	66635	21.059	ug/l	94
78) n-propylbenzene	12.672	91	300465	21.369	ug/l	99
79) 2-Chlorotoluene	12.757	91	170661	21.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	209124	21.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	18389	21.042	ug/l	92
82) 4-Chlorotoluene	12.855	91	176606	21.522	ug/l	99
83) tert-Butylbenzene	13.074	119	182309	20.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	209591	21.491	ug/l	99
85) sec-Butylbenzene	13.257	105	273501	21.376	ug/l	100
86) p-Isopropyltoluene	13.373	119	234361	21.230	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	129232	21.392	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	129360	21.654	ug/l	99
89) n-Butylbenzene	13.696	91	210108	21.666	ug/l	98
90) Hexachloroethane	13.965	117	43915	22.022	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	115603	21.586	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8623	22.032	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	79474	21.056	ug/l	97
94) Hexachlorobutadiene	15.111	225	49770	21.069	ug/l	100
95) Naphthalene	15.239	128	142164	20.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	69498	20.907	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005311.D
Acq On : 01 Jul 2021 14:04
Operator : SY/MD
Sample : VY0701SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:57:36 PM

Quant Time: Jul 02 05:14:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

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

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

