

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020687.D
 Acq On : 22 Oct 2021 17:36
 Operator : SY/VA
 Sample : VW1022SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:19 AM

Quant Time: Oct 23 06:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	104804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	148295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	135792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51345	44.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.180%		
35) Dibromofluoromethane	7.884	113	43991	45.360	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.720%		
50) Toluene-d8	10.323	98	172623	46.568	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.615	95	64360	47.362	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4324	18.259	ug/l	98
3) Chloromethane	2.215	50	12226	17.631	ug/l	98
4) Vinyl Chloride	2.355	62	15025	16.891	ug/l	99
5) Bromomethane	2.757	94	9045	17.106	ug/l	95
6) Chloroethane	2.904	64	6047	15.298	ug/l	97
7) Trichlorofluoromethane	3.245	101	10282	16.158	ug/l	99
8) Diethyl Ether	3.684	74	8644	17.027	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.050	101	18295	17.517	ug/l	98
10) Methyl Iodide	4.269	142	21814	16.823	ug/l	99
11) Tert butyl alcohol	5.178	59	6308	88.455	ug/l #	85
12) 1,1-Dichloroethene	4.037	96	16785	17.209	ug/l	95
13) Acrolein	3.897	56	5468	85.655	ug/l	96
14) Allyl chloride	4.665	41	26999	17.146	ug/l	98
15) Acrylonitrile	5.373	53	22761	87.896	ug/l	98
16) Acetone	4.129	43	21043	73.946	ug/l	96
17) Carbon Disulfide	4.379	76	44828	15.815	ug/l	100
18) Methyl Acetate	4.672	43	15136	17.227	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	30058	17.966	ug/l	97
20) Methylene Chloride	4.909	84	24630	17.842	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	18832	17.289	ug/l	94
22) Diisopropyl ether	6.311	45	56209	18.243	ug/l	97
23) Vinyl Acetate	6.257	43	157653	87.359	ug/l	99
24) 1,1-Dichloroethane	6.220	63	34761	17.646	ug/l	98
25) 2-Butanone	7.177	43	29062	81.839	ug/l	97
26) 2,2-Dichloropropane	7.165	77	22616	17.542	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	20647	17.787	ug/l	99
28) Bromochloromethane	7.512	49	14391	17.672	ug/l #	96
29) Tetrahydrofuran	7.537	42	19078	87.811	ug/l	98
30) Chloroform	7.677	83	36729	17.876	ug/l	97
31) Cyclohexane	7.958	56	33473	16.938	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	30895	17.780	ug/l	100
36) 1,1-Dichloropropene	8.086	75	28613	17.916	ug/l	99
37) Ethyl Acetate	7.256	43	13570	18.363	ug/l	99
38) Carbon Tetrachloride	8.067	117	28627	18.077	ug/l	97
39) Methylcyclohexane	9.335	83	32960	17.701	ug/l	97
40) Benzene	8.323	78	82266	18.823	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020687.D
 Acq On : 22 Oct 2021 17:36
 Operator : SY/VA
 Sample : VW1022SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:19 AM

Quant Time: Oct 23 06:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	7935	18.432	ug/l	97
42) 1,2-Dichloroethane	8.403	62	25916	18.419	ug/l	99
43) Isopropyl Acetate	8.427	43	24448	17.826	ug/l	98
44) Trichloroethene	9.091	130	21083	17.749	ug/l	99
45) 1,2-Dichloropropane	9.366	63	18968	18.104	ug/l	95
46) Dibromomethane	9.463	93	10549	17.923	ug/l	97
47) Bromodichloromethane	9.646	83	26434	18.220	ug/l	97
48) Methyl methacrylate	9.433	41	11500	17.428	ug/l	99
49) 1,4-Dioxane	9.451	88	2931	374.685	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	66452	89.120	ug/l	99
52) Toluene	10.384	92	51464	18.744	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	26072	17.660	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	30031	17.955	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	15098	18.411	ug/l	97
56) Ethyl methacrylate	10.646	69	19044	18.064	ug/l	99
57) 1,3-Dichloropropane	10.933	76	25954	18.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	48057	101.134	ug/l	100
59) 2-Hexanone	10.969	43	45899	87.001	ug/l	100
60) Dibromochloromethane	11.128	129	17548	18.151	ug/l	100
61) 1,2-Dibromoethane	11.237	107	14493	18.265	ug/l	100
64) Tetrachloroethene	10.866	164	19608	18.597	ug/l	93
65) Chlorobenzene	11.658	112	53737	18.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	20068	18.939	ug/l	97
67) Ethyl Benzene	11.731	91	96877	18.303	ug/l	99
68) m/p-Xylenes	11.841	106	76033	37.153	ug/l	99
69) o-Xylene	12.164	106	35123	18.623	ug/l	97
70) Styrene	12.182	104	60467	18.716	ug/l	99
71) Bromoform	12.353	173	11076	17.829	ug/l #	96
73) Isopropylbenzene	12.463	105	97512	18.064	ug/l	100
74) N-amyl acetate	12.274	43	23119	17.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	17907	17.707	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	14591m	17.574	ug/l	
77) Bromobenzene	12.749	156	23193	17.912	ug/l	98
78) n-propylbenzene	12.804	91	121567	18.337	ug/l	99
79) 2-Chlorotoluene	12.890	91	68583	17.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	84344	18.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	5387	16.668	ug/l	99
82) 4-Chlorotoluene	12.987	91	72640	18.108	ug/l	99
83) tert-Butylbenzene	13.207	119	75391	18.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	86030	18.627	ug/l	100
85) sec-Butylbenzene	13.383	105	111849	18.518	ug/l	100
86) p-Isopropyltoluene	13.499	119	96134	18.711	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	48524	18.210	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	49149	18.471	ug/l	97
89) n-Butylbenzene	13.822	91	88556	18.585	ug/l	99
90) Hexachloroethane	14.091	117	16362	18.246	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	42637	18.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3294	18.046	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	29522	18.806	ug/l	96
94) Hexachlorobutadiene	15.231	225	19369	19.054	ug/l	94
95) Naphthalene	15.365	128	51060	18.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	26091	18.355	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020687.D
 Acq On : 22 Oct 2021 17:36
 Operator : SY/VA
 Sample : VW1022SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:19 AM

Quant Time: Oct 23 06:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

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

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

