

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021736.D
 Acq On : 05 Jan 2022 17:20
 Operator : SY/VA
 Sample : VW0105SBSD01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 05:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	155024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	240200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	217885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	117658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	65575	47.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.980%		
35) Dibromofluoromethane	7.891	113	73288	49.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.040%		
50) Toluene-d8	10.323	98	264859	48.950	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.615	95	100924	50.251	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5040	20.589	ug/l	95
3) Chloromethane	2.215	50	21892	19.334	ug/l	100
4) Vinyl Chloride	2.361	62	31812	18.785	ug/l	97
5) Bromomethane	2.770	94	37346	21.534	ug/l	99
6) Chloroethane	2.910	64	17316	18.485	ug/l	99
7) Trichlorofluoromethane	3.263	101	22376	19.926	ug/l	92
8) Diethyl Ether	3.690	74	13425	21.163	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.056	101	30419	20.387	ug/l	99
10) Methyl Iodide	4.275	142	44788	21.243	ug/l	100
11) Tert butyl alcohol	5.202	59	7427m	108.182	ug/l	
12) 1,1-Dichloroethene	4.038	96	28611	20.726	ug/l	98
13) Acrolein	3.897	56	8361	124.967	ug/l	96
14) Allyl chloride	4.672	41	34360	20.277	ug/l	97
15) Acrylonitrile	5.379	53	27338	110.374	ug/l	99
16) Acetone	4.135	43	26458	102.550	ug/l	99
17) Carbon Disulfide	4.385	76	68262	19.939	ug/l	98
18) Methyl Acetate	4.672	43	18225	21.872	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	47083	22.363	ug/l	91
20) Methylene Chloride	4.916	84	52049	25.921	ug/l	91
21) trans-1,2-Dichloroethene	5.428	96	33678	21.212	ug/l	91
22) Diisopropyl ether	6.318	45	75196	21.639	ug/l	97
23) Vinyl Acetate	6.257	43	195410	107.557	ug/l	97
24) 1,1-Dichloroethane	6.220	63	51892	20.969	ug/l	98
25) 2-Butanone	7.177	43	35090	105.948	ug/l #	89
26) 2,2-Dichloropropane	7.165	77	35064	20.981	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	37108	21.361	ug/l	95
28) Bromochloromethane	7.519	49	19776	20.428	ug/l	87
29) Tetrahydrofuran	7.537	42	21572	110.433	ug/l	94
30) Chloroform	7.677	83	59103	21.234	ug/l	96
31) Cyclohexane	7.958	56	48001	20.199	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	51755	21.138	ug/l	97
36) 1,1-Dichloropropene	8.086	75	45792	21.552	ug/l	99
37) Ethyl Acetate	7.263	43	16530	23.577	ug/l	98
38) Carbon Tetrachloride	8.074	117	48597	21.174	ug/l	93
39) Methylcyclohexane	9.336	83	58819	21.729	ug/l	95
40) Benzene	8.323	78	129263	21.392	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	8172m	20.342	ug/l	
42) 1,2-Dichloroethane	8.403	62	36175	21.930	ug/l	98
43) Isopropyl Acetate	8.421	43	29039	22.181	ug/l #	91
44) Trichloroethene	9.092	130	40958	22.291	ug/l	91
45) 1,2-Dichloropropane	9.366	63	28268	21.351	ug/l	91
46) Dibromomethane	9.464	93	18650	22.410	ug/l	93
47) Bromodichloromethane	9.646	83	41235	21.729	ug/l	98
48) Methyl methacrylate	9.439	41	13894	22.536	ug/l	92
49) 1,4-Dioxane	9.470	88	4294	437.199	ug/l #	80
51) 4-Methyl-2-Pentanone	10.207	43	77809	111.917	ug/l	97
52) Toluene	10.384	92	87944	22.218	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	36984	21.478	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	44383	21.598	ug/l	90
55) 1,1,2-Trichloroethane	10.786	97	24592	22.073	ug/l	97
56) Ethyl methacrylate	10.646	69	26281	22.009	ug/l	93
57) 1,3-Dichloropropane	10.933	76	40778	22.203	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	65517	114.520	ug/l	97
59) 2-Hexanone	10.969	43	54074	112.624	ug/l	95
60) Dibromochloromethane	11.128	129	29609	22.103	ug/l	100
61) 1,2-Dibromoethane	11.238	107	24257	21.988	ug/l	97
64) Tetrachloroethene	10.866	164	35810	23.823	ug/l	89
65) Chlorobenzene	11.658	112	97664	22.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	33290	21.753	ug/l	100
67) Ethyl Benzene	11.731	91	163151	21.959	ug/l	98
68) m/p-Xylenes	11.841	106	137256	44.991	ug/l	97
69) o-Xylene	12.164	106	63345	22.007	ug/l	97
70) Styrene	12.176	104	102221	22.029	ug/l	98
71) Bromoform	12.347	173	15686	21.300	ug/l #	97
73) Isopropylbenzene	12.463	105	173755	21.600	ug/l	99
74) N-amyl acetate	12.274	43	26541	21.768	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	26156	21.748	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	19541m	22.454	ug/l	
77) Bromobenzene	12.743	156	40869	21.112	ug/l	92
78) n-propylbenzene	12.804	91	203985	21.439	ug/l	99
79) 2-Chlorotoluene	12.890	91	112843	20.956	ug/l	96
80) 1,3,5-Trimethylbenzene	12.939	105	149306	21.767	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	6293	20.517	ug/l	99
82) 4-Chlorotoluene	12.987	91	120735	21.551	ug/l	93
83) tert-Butylbenzene	13.207	119	135635	21.910	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	145708	21.697	ug/l	96
85) sec-Butylbenzene	13.384	105	190414	21.189	ug/l	98
86) p-Isopropyltoluene	13.493	119	168810	22.440	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	88331	22.764	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	84502	21.361	ug/l	97
89) n-Butylbenzene	13.823	91	151384	22.193	ug/l	99
90) Hexachloroethane	14.091	117	26247	21.305	ug/l	85
91) 1,2-Dichlorobenzene	13.865	146	76015	21.924	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3819	20.439	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	47621	21.677	ug/l	99
94) Hexachlorobutadiene	15.231	225	28763	22.031	ug/l	97
95) Naphthalene	15.365	128	81572	22.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	39429	21.358	ug/l	97

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

