

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020931.D
 Acq On : 22 Nov 2021 11:22
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 02:21:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	88334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	127655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	112900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	60169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36482	44.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.180%		
35) Dibromofluoromethane	7.884	113	38687	48.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.640%		
50) Toluene-d8	10.323	98	141771	48.275	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.615	95	51773	47.271	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	11551	54.391	ug/l	98
3) Chloromethane	2.215	50	25015	49.193	ug/l	98
4) Vinyl Chloride	2.361	62	45113	50.382	ug/l	98
5) Bromomethane	2.782	94	37078	64.333	ug/l	99
6) Chloroethane	2.922	64	21521	62.354	ug/l	99
7) Trichlorofluoromethane	3.251	101	25140	67.696	ug/l	93
8) Diethyl Ether	3.684	74	18531	47.510	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	40342	52.658	ug/l	99
10) Methyl Iodide	4.263	142	60965	52.759	ug/l	99
11) Tert butyl alcohol	5.196	59	11350	157.447	ug/l #	87
12) 1,1-Dichloroethene	4.038	96	39217	52.239	ug/l	99
13) Acrolein	3.904	56	12055	892.278	ug/l	93
14) Allyl chloride	4.666	41	54169	50.258	ug/l	99
15) Acrylonitrile	5.373	53	36474	216.137	ug/l	98
16) Acetone	4.135	43	42456	249.612	ug/l	98
17) Carbon Disulfide	4.385	76	108182	52.440	ug/l	99
18) Methyl Acetate	4.678	43	26323	44.352	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	61381	47.447	ug/l	99
20) Methylene Chloride	4.915	84	40144	48.639	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	43040	50.363	ug/l	94
22) Diisopropyl ether	6.312	45	106888	48.334	ug/l	99
23) Vinyl Acetate	6.257	43	300208	231.978	ug/l	100
24) 1,1-Dichloroethane	6.214	63	69621	49.484	ug/l	98
25) 2-Butanone	7.177	43	53515	221.529	ug/l	95
26) 2,2-Dichloropropane	7.165	77	52167	52.255	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	46928	49.155	ug/l	99
28) Bromochloromethane	7.513	49	27593	46.347	ug/l	96
29) Tetrahydrofuran	7.537	42	30212	206.227	ug/l	98
30) Chloroform	7.671	83	76050	49.132	ug/l	99
31) Cyclohexane	7.952	56	64246	47.066	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	67862	51.923	ug/l	98
36) 1,1-Dichloropropene	8.086	75	59811	52.155	ug/l	99
37) Ethyl Acetate	7.250	43	22814	43.614	ug/l	99
38) Carbon Tetrachloride	8.067	117	65991	54.094	ug/l	96
39) Methylcyclohexane	9.335	83	74624	51.827	ug/l	95
40) Benzene	8.323	78	163263	49.930	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	12221	43.818	ug/l #	90
42) 1,2-Dichloroethane	8.397	62	48107	48.500	ug/l	99
43) Isopropyl Acetate	8.421	43	46005	44.814	ug/l	98
44) Trichloroethene	9.092	130	51692	54.182	ug/l	88
45) 1,2-Dichloropropane	9.366	63	37279	49.505	ug/l	96
46) Dibromomethane	9.457	93	22759	47.703	ug/l	98
47) Bromodichloromethane	9.646	83	56412	49.976	ug/l	98
48) Methyl methacrylate	9.433	41	21217	46.460	ug/l	97
49) 1,4-Dioxane	9.457	88	5369	780.968	ug/l #	80
51) 4-Methyl-2-Pentanone	10.207	43	114913	219.854	ug/l	100
52) Toluene	10.390	92	107079	50.945	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	55783	49.772	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	64417	50.790	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	31001	48.466	ug/l	98
56) Ethyl methacrylate	10.646	69	38510	47.281	ug/l	98
57) 1,3-Dichloropropane	10.933	76	50353	46.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	87017	212.282	ug/l	99
59) 2-Hexanone	10.969	43	86958	239.158	ug/l	100
60) Dibromochloromethane	11.128	129	41404	51.344	ug/l	98
61) 1,2-Dibromoethane	11.231	107	30905	48.697	ug/l	98
64) Tetrachloroethene	10.860	164	44626	53.204	ug/l	87
65) Chlorobenzene	11.658	112	117670	51.840	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.725	131	44581	52.822	ug/l	96
67) Ethyl Benzene	11.731	91	210271	52.787	ug/l	97
68) m/p-Xylenes	11.835	106	167263	103.865	ug/l	99
69) o-Xylene	12.164	106	80357	53.214	ug/l	99
70) Styrene	12.182	104	133061	52.464	ug/l	99
71) Bromoform	12.347	173	25127	51.505	ug/l #	98
73) Isopropylbenzene	12.463	105	216817	52.732	ug/l	99
74) N-amyl acetate	12.268	43	45816	46.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	32932	45.909	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	25946m	47.995	ug/l	
77) Bromobenzene	12.749	156	50871	50.937	ug/l	97
78) n-propylbenzene	12.804	91	256066	52.876	ug/l	97
79) 2-Chlorotoluene	12.890	91	141722	50.634	ug/l	98
80) 1,3,5-Trimethylbenzene	12.938	105	187015	53.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	11323	49.270	ug/l	99
82) 4-Chlorotoluene	12.987	91	151134	50.917	ug/l	98
83) tert-Butylbenzene	13.207	119	167792	53.243	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	176043	50.560	ug/l	96
85) sec-Butylbenzene	13.384	105	239878	52.893	ug/l	98
86) p-Isopropyltoluene	13.499	119	205485	52.557	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	104026	51.394	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	104104	51.183	ug/l	100
89) n-Butylbenzene	13.822	91	188683	53.747	ug/l	99
90) Hexachloroethane	14.091	117	38676	52.526	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	90660	50.984	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5631	44.702	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	67354	53.156	ug/l	99
94) Hexachlorobutadiene	15.231	225	39258	54.633	ug/l	97
95) Naphthalene	15.359	128	111273	47.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	56836	50.868	ug/l	99

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

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