

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020742.D
 Acq On : 02 Nov 2021 12:59
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 02:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:55:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	44998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	64229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	62745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	33416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	15407	43.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.000%		
35) Dibromofluoromethane	7.884	113	17014	41.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.360%		
50) Toluene-d8	10.323	98	61334	43.142	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.280%		
62) 4-Bromofluorobenzene	12.615	95	22477	44.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5505	43.321	ug/l	83
3) Chloromethane	2.215	50	13083	49.296	ug/l	95
4) Vinyl Chloride	2.355	62	23682	46.147	ug/l	95
5) Bromomethane	2.770	94	17944	41.272	ug/l	88
6) Chloroethane	2.910	64	10817	48.909	ug/l	98
7) Trichlorofluoromethane	3.245	101	9462	55.593	ug/l	89
8) Diethyl Ether	3.678	74	7984	46.917	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.062	101	19737	48.810	ug/l	99
10) Methyl Iodide	4.269	142	26740	51.414	ug/l	99
11) Tert butyl alcohol	5.178	59	4198	241.165	ug/l	100
12) 1,1-Dichloroethene	4.032	96	18357	48.645	ug/l	95
13) Acrolein	3.897	56	1268	201.252	ug/l	100
14) Allyl chloride	4.666	41	15499	53.346	ug/l	99
15) Acrylonitrile	5.361	53	15542	238.775	ug/l	97
16) Acetone	4.117	43	18331	279.263	ug/l	96
17) Carbon Disulfide	4.379	76	46791	49.242	ug/l #	95
18) Methyl Acetate	4.666	43	9436	44.767	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	20859	48.232	ug/l	100
20) Methylene Chloride	4.909	84	19017	46.437	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	20396	48.926	ug/l	93
22) Diisopropyl ether	6.312	45	36349	49.008	ug/l	97
23) Vinyl Acetate	6.251	43	102539	250.251	ug/l	100
24) 1,1-Dichloroethane	6.214	63	30054	47.050	ug/l	98
25) 2-Butanone	7.165	43	20017	256.903	ug/l	99
26) 2,2-Dichloropropane	7.165	77	19975	52.190	ug/l	96
27) cis-1,2-Dichloroethene	7.165	96	22412	49.007	ug/l	97
28) Bromochloromethane	7.513	49	11733	45.968	ug/l	93
29) Tetrahydrofuran	7.531	42	11374	247.352	ug/l	95
30) Chloroform	7.677	83	36968	46.567	ug/l	96
31) Cyclohexane	7.958	56	26091	49.538	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	30197	47.774	ug/l	99
36) 1,1-Dichloropropene	8.080	75	28312	54.772	ug/l	99
37) Ethyl Acetate	7.250	43	7892	48.580	ug/l	99
38) Carbon Tetrachloride	8.067	117	30095	54.376	ug/l	91
39) Methylcyclohexane	9.335	83	35564	57.028	ug/l	99
40) Benzene	8.323	78	74208	49.825	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3829	42.854	ug/l	91
42) 1,2-Dichloroethane	8.397	62	21783	51.205	ug/l	98
43) Isopropyl Acetate	8.421	43	15756	51.525	ug/l	98
44) Trichloroethene	9.092	130	24457	53.530	ug/l	92
45) 1,2-Dichloropropane	9.366	63	16609	51.549	ug/l	96
46) Dibromomethane	9.457	93	11669	51.341	ug/l	96
47) Bromodichloromethane	9.640	83	27881	52.444	ug/l	91
48) Methyl methacrylate	9.433	41	7467	53.707	ug/l	95
49) 1,4-Dioxane	9.439	88	3008	838.530	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	41800	213.233	ug/l	99
52) Toluene	10.384	92	52267	54.059	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	26138	53.518	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	29430	52.902	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	16204	51.790	ug/l	93
56) Ethyl methacrylate	10.646	69	17227	47.622	ug/l	98
57) 1,3-Dichloropropane	10.933	76	24530	49.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	34411	238.684	ug/l	98
59) 2-Hexanone	10.969	43	31492	229.119	ug/l	99
60) Dibromochloromethane	11.128	129	19977	51.243	ug/l	98
61) 1,2-Dibromoethane	11.238	107	15780	50.707	ug/l	98
64) Tetrachloroethene	10.860	164	20706	50.563	ug/l	96
65) Chlorobenzene	11.658	112	58760	49.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	22389	51.580	ug/l	98
67) Ethyl Benzene	11.731	91	102232	52.056	ug/l	97
68) m/p-Xylenes	11.841	106	84331	106.344	ug/l	96
69) o-Xylene	12.164	106	37645	50.843	ug/l	98
70) Styrene	12.176	104	65050	51.986	ug/l	99
71) Bromoform	12.341	173	12220	49.813	ug/l #	99
73) Isopropylbenzene	12.463	105	107364	54.559	ug/l	98
74) N-amyl acetate	12.274	43	15374	45.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	18246	49.152	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	13486m	52.117	ug/l	
77) Bromobenzene	12.743	156	25254	50.687	ug/l	98
78) n-propylbenzene	12.804	91	133033	56.028	ug/l	100
79) 2-Chlorotoluene	12.890	91	71772	53.341	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	89798	53.060	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	5650	48.899	ug/l	97
82) 4-Chlorotoluene	12.987	91	74716	53.099	ug/l	97
83) tert-Butylbenzene	13.201	119	81771	55.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	92132	55.490	ug/l	99
85) sec-Butylbenzene	13.383	105	124581	56.090	ug/l	99
86) p-Isopropyltoluene	13.493	119	102214	54.716	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	52434	50.370	ug/l	97
88) 1,4-Dichlorobenzene	13.572	146	52840	51.434	ug/l	94
89) n-Butylbenzene	13.822	91	94332	54.203	ug/l	98
90) Hexachloroethane	14.091	117	19255	52.422	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	47275	51.761	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2855	48.760	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	27096	47.007	ug/l	96
94) Hexachlorobutadiene	15.231	225	16941	54.120	ug/l	96
95) Naphthalene	15.365	128	51835	44.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	25909	51.452	ug/l	95

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

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