

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020749.D
 Acq On : 02 Nov 2021 22:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 02:46:13 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	39250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	59094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	57097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	29986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14662	47.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.980%		
35) Dibromofluoromethane	7.885	113	17026	45.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.660%		
50) Toluene-d8	10.323	98	57031	43.601	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.200%		
62) 4-Bromofluorobenzene	12.615	95	21456	46.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3879	35.944	ug/l	81
3) Chloromethane	2.209	50	10761	46.485	ug/l	96
4) Vinyl Chloride	2.355	62	21119	47.180	ug/l	99
5) Bromomethane	2.770	94	17437	45.979	ug/l	93
6) Chloroethane	2.910	64	10830	56.139	ug/l	99
7) Trichlorofluoromethane	3.245	101	7894	53.173	ug/l	92
8) Diethyl Ether	3.678	74	7737	52.124	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.056	101	17230	48.850	ug/l	99
10) Methyl Iodide	4.269	142	23921	52.729	ug/l	99
11) Tert butyl alcohol	5.172	59	4255	280.236	ug/l	100
12) 1,1-Dichloroethene	4.038	96	16773	50.957	ug/l	95
13) Acrolein	3.891	56	1307	237.820	ug/l	95
14) Allyl chloride	4.666	41	13112	51.740	ug/l	97
15) Acrylonitrile	5.367	53	14852	261.590	ug/l	99
16) Acetone	4.117	43	13088	225.823	ug/l	97
17) Carbon Disulfide	4.379	76	40694	49.097	ug/l	96
18) Methyl Acetate	4.666	43	9248	50.301	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	21058	55.822	ug/l	99
20) Methylene Chloride	4.909	84	24288	72.145	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	18777	51.638	ug/l	90
22) Diisopropyl ether	6.312	45	33779	52.213	ug/l	95
23) Vinyl Acetate	6.257	43	92224	258.038	ug/l	100
24) 1,1-Dichloroethane	6.214	63	27616	49.565	ug/l	97
25) 2-Butanone	7.171	43	16834	247.692	ug/l	95
26) 2,2-Dichloropropane	7.171	77	16297	48.816	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	20741	51.995	ug/l	95
28) Bromochloromethane	7.513	49	10413	46.771	ug/l	88
29) Tetrahydrofuran	7.531	42	10526	262.433	ug/l	99
30) Chloroform	7.671	83	34127	49.283	ug/l	99
31) Cyclohexane	7.952	56	22504	48.964	ug/l	95
32) 1,1,1-Trichloroethane	7.866	97	28238	51.217	ug/l	99
36) 1,1-Dichloropropene	8.080	75	24729	51.997	ug/l	100
37) Ethyl Acetate	7.250	43	7908	52.909	ug/l	98
38) Carbon Tetrachloride	8.061	117	27028	53.078	ug/l	98
39) Methylcyclohexane	9.335	83	30323	52.849	ug/l	100
40) Benzene	8.323	78	70753	51.633	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	4159	50.391	ug/l	95
42) 1,2-Dichloroethane	8.397	62	20567	52.548	ug/l	98
43) Isopropyl Acetate	8.427	43	15050	53.493	ug/l	99
44) Trichloroethene	9.085	130	21559	51.288	ug/l	93
45) 1,2-Dichloropropane	9.366	63	15417	52.007	ug/l	97
46) Dibromomethane	9.457	93	10817	51.728	ug/l	99
47) Bromodichloromethane	9.646	83	26359	53.889	ug/l	100
48) Methyl methacrylate	9.439	41	6520	50.971	ug/l	92
49) 1,4-Dioxane	9.445	88	3206	969.790	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	40684	225.606	ug/l	99
52) Toluene	10.384	92	48002	53.962	ug/l	95
53) t-1,3-Dichloropropene	10.604	75	23274	51.795	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	26852	52.462	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	15135	52.576	ug/l	98
56) Ethyl methacrylate	10.646	69	16566	49.729	ug/l	98
57) 1,3-Dichloropropane	10.933	76	24353	53.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	35935	270.914	ug/l	96
59) 2-Hexanone	10.969	43	28739	227.249	ug/l	100
60) Dibromochloromethane	11.128	129	19408	54.109	ug/l	99
61) 1,2-Dibromoethane	11.238	107	15838	55.316	ug/l	96
64) Tetrachloroethene	10.860	164	20793	55.798	ug/l	90
65) Chlorobenzene	11.658	112	54117	50.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	20793	52.642	ug/l	97
67) Ethyl Benzene	11.731	91	93315	52.215	ug/l	96
68) m/p-Xylenes	11.841	106	76862	106.513	ug/l	97
69) o-Xylene	12.164	106	36154	53.659	ug/l	99
70) Styrene	12.182	104	61320	53.853	ug/l	99
71) Bromoform	12.347	173	11959	53.571	ug/l #	98
73) Isopropylbenzene	12.463	105	97018	54.941	ug/l	100
74) N-amyl acetate	12.268	43	14772	48.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	17719	53.193	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	10562m	45.486	ug/l	
77) Bromobenzene	12.743	156	23135	51.745	ug/l	98
78) n-propylbenzene	12.804	91	116951	54.889	ug/l	100
79) 2-Chlorotoluene	12.890	91	65805	54.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	84289	55.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	5196	50.064	ug/l	96
82) 4-Chlorotoluene	12.987	91	69057	54.691	ug/l	97
83) tert-Butylbenzene	13.207	119	75318	56.958	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	83855	56.282	ug/l	99
85) sec-Butylbenzene	13.377	105	110970	55.677	ug/l	98
86) p-Isopropyltoluene	13.493	119	94139	56.158	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	47654	51.015	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	48712	52.840	ug/l	97
89) n-Butylbenzene	13.822	91	83789	53.652	ug/l	98
90) Hexachloroethane	14.091	117	18028	54.696	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	44506	54.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2912	55.409	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	26627	51.477	ug/l	100
94) Hexachlorobutadiene	15.231	225	15625	55.626	ug/l	94
95) Naphthalene	15.365	128	53717	51.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	25319	56.032	ug/l	95

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

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