

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020910.D
 Acq On : 17 Nov 2021 16:57
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 04:24:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	77728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	114297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	106521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	57528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38423	45.083	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.160%		
35) Dibromofluoromethane	7.884	113	38094	50.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.980%		
50) Toluene-d8	10.323	98	139337	48.611	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.615	95	51696	49.268	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8727	43.646	ug/l	100
3) Chloromethane	2.209	50	23058	45.524	ug/l	100
4) Vinyl Chloride	2.355	62	42783	61.833	ug/l	100
5) Bromomethane	2.763	94	27685	65.349	ug/l	100
6) Chloroethane	2.910	64	16852	55.576	ug/l	100
7) Trichlorofluoromethane	3.251	101	17503	38.632	ug/l	100
8) Diethyl Ether	3.678	74	17676	47.659	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	35045	45.609	ug/l	100
10) Methyl Iodide	4.269	142	54801	55.851	ug/l	100
11) Tert butyl alcohol	5.178	59	15478	289.338	ug/l	100
12) 1,1-Dichloroethene	4.037	96	33980	47.395	ug/l	100
13) Acrolein	3.891	56	2511	61.403	ug/l	100
14) Allyl chloride	4.665	41	49524	43.742	ug/l	100
15) Acrylonitrile	5.366	53	39637	216.184	ug/l	100
16) Acetone	4.123	43	40706	205.812	ug/l	100
17) Carbon Disulfide	4.379	76	97662	47.170	ug/l	100
18) Methyl Acetate	4.672	43	27154	43.294	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	60868	49.695	ug/l	100
20) Methylene Chloride	4.909	84	38383	36.471	ug/l	100
21) trans-1,2-Dichloroethene	5.421	96	39551	49.165	ug/l	100
22) Diisopropyl ether	6.311	45	102554	45.903	ug/l	100
23) Vinyl Acetate	6.250	43	302130	233.187	ug/l	100
24) 1,1-Dichloroethane	6.214	63	65572	45.637	ug/l	100
25) 2-Butanone	7.171	43	56511	225.298	ug/l	100
26) 2,2-Dichloropropane	7.165	77	43318	45.938	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	43753	50.693	ug/l	100
28) Bromochloromethane	7.512	49	28057	47.114	ug/l	100
29) Tetrahydrofuran	7.537	42	34265	223.293	ug/l	100
30) Chloroform	7.677	83	71449	47.180	ug/l	100
31) Cyclohexane	7.957	56	58213	40.734	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	59884	46.893	ug/l	100
36) 1,1-Dichloropropene	8.086	75	53533	44.382	ug/l	100
37) Ethyl Acetate	7.250	43	23707	43.525	ug/l	100
38) Carbon Tetrachloride	8.067	117	58498	48.038	ug/l	100
39) Methylcyclohexane	9.335	83	67555	47.592	ug/l	100
40) Benzene	8.323	78	149756	45.104	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	14837	46.791	ug/l	100
42) 1,2-Dichloroethane	8.396	62	47012	44.255	ug/l	100
43) Isopropyl Acetate	8.421	43	49331	47.915	ug/l	100
44) Trichloroethene	9.091	130	44866	48.996	ug/l	100
45) 1,2-Dichloropropane	9.366	63	35958	45.322	ug/l	100
46) Dibromomethane	9.457	93	22560	49.877	ug/l	100
47) Bromodichloromethane	9.646	83	53871	48.412	ug/l	100
48) Methyl methacrylate	9.433	41	21494	43.949	ug/l	100
49) 1,4-Dioxane	9.451	88	6721	1120.282	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	123134	223.938	ug/l	100
52) Toluene	10.384	92	99660	47.569	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	54441	48.451	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	60858	47.763	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	30447	48.602	ug/l	100
56) Ethyl methacrylate	10.646	69	39357	49.661	ug/l	100
57) 1,3-Dichloropropane	10.933	76	50961	47.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	91293	251.473	ug/l	100
59) 2-Hexanone	10.969	43	88929	229.733	ug/l	100
60) Dibromochloromethane	11.128	129	39096	52.162	ug/l	100
61) 1,2-Dibromoethane	11.231	107	31491	51.495	ug/l	100
64) Tetrachloroethene	10.859	164	41409	49.715	ug/l	100
65) Chlorobenzene	11.652	112	111885	48.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	41786	50.089	ug/l	100
67) Ethyl Benzene	11.731	91	193382	47.137	ug/l	100
68) m/p-Xylenes	11.835	106	156265	97.747	ug/l	100
69) o-Xylene	12.164	106	74695	50.374	ug/l	100
70) Styrene	12.182	104	127152	50.351	ug/l	100
71) Bromoform	12.347	173	24238	50.010	ug/l #	100
73) Isopropylbenzene	12.463	105	193678	47.377	ug/l	100
74) N-amyl acetate	12.268	43	48239	49.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	34554	45.677	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	26566m	43.217	ug/l	
77) Bromobenzene	12.743	156	47942	48.728	ug/l	100
78) n-propylbenzene	12.804	91	229398	45.969	ug/l	100
79) 2-Chlorotoluene	12.890	91	134232	46.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	171319	48.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	11293	47.125	ug/l	100
82) 4-Chlorotoluene	12.987	91	141564	46.583	ug/l	100
83) tert-Butylbenzene	13.200	119	149790	48.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	170554	48.539	ug/l	100
85) sec-Butylbenzene	13.377	105	217896	47.596	ug/l	100
86) p-Isopropyltoluene	13.493	119	188528	48.245	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	96660	47.713	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	100429	49.077	ug/l	100
89) n-Butylbenzene	13.822	91	174545	48.192	ug/l	100
90) Hexachloroethane	14.091	117	34964	50.381	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	83611	46.421	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6384	46.942	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	62510	51.315	ug/l	100
94) Hexachlorobutadiene	15.231	225	36013	46.652	ug/l	100
95) Naphthalene	15.365	128	117981	54.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	56565	51.492	ug/l	100

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

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