

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020738.D
 Acq On : 01 Nov 2021 16:30
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 02 04:19:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:15:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	42958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	66269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	60629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	32003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	32522	78.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.780%			
35) Dibromofluoromethane	7.885	113	36681	93.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 186.820%#			
50) Toluene-d8	10.323	98	127569	87.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 175.460%#			
62) 4-Bromofluorobenzene	12.615	95	45962	84.325	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 168.660%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	12062	113.122	ug/l	87
3) Chloromethane	2.209	50	25034	97.321	ug/l	98
4) Vinyl Chloride	2.355	62	50127	150.425	ug/l	99
5) Bromomethane	2.751	94	40346	241.086	ug/l	93
6) Chloroethane	2.904	64	23493	233.927	ug/l	99
7) Trichlorofluoromethane	3.245	101	17349	121.076	ug/l	93
8) Diethyl Ether	3.678	74	17718	102.268	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.056	101	39463	112.442	ug/l	99
10) Methyl Iodide	4.263	142	55653	137.685	ug/l	98
11) Tert butyl alcohol	5.178	59	9108	407.612	ug/l #	89
12) 1,1-Dichloroethene	4.038	96	38422	113.290	ug/l	90
13) Acrolein	3.897	56	2972	321.513	ug/l	93
14) Allyl chloride	4.660	41	31104	65.625	ug/l	99
15) Acrylonitrile	5.361	53	33135	413.565	ug/l	97
16) Acetone	4.117	43	28581	320.166	ug/l	97
17) Carbon Disulfide	4.379	76	95289	103.190	ug/l #	95
18) Methyl Acetate	4.672	43	20708	71.563	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	45472	99.732	ug/l	100
20) Methylene Chloride	4.909	84	37845	83.327	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	41952	110.250	ug/l	94
22) Diisopropyl ether	6.312	45	78054	76.716	ug/l	94
23) Vinyl Acetate	6.251	43	222646	398.843	ug/l	99
24) 1,1-Dichloroethane	6.214	63	63462	93.688	ug/l	98
25) 2-Butanone	7.165	43	38972	358.419	ug/l	98
26) 2,2-Dichloropropane	7.165	77	37690	99.216	ug/l	97
27) cis-1,2-Dichloroethene	7.165	96	47230	113.633	ug/l	98
28) Bromochloromethane	7.513	49	23768	76.330	ug/l	94
29) Tetrahydrofuran	7.531	42	24055	367.470	ug/l	99
30) Chloroform	7.671	83	76532	105.077	ug/l	99
31) Cyclohexane	7.958	56	53200	78.515	ug/l	89
32) 1,1,1-Trichloroethane	7.872	97	62254	110.707	ug/l	98
36) 1,1-Dichloropropene	8.080	75	56795	97.327	ug/l	99
37) Ethyl Acetate	7.251	43	18013	74.546	ug/l	98
38) Carbon Tetrachloride	8.061	117	60229	109.465	ug/l	96
39) Methylcyclohexane	9.335	83	72939	102.927	ug/l	99
40) Benzene	8.323	78	154824	92.359	ug/l	98

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41) Methacrylonitrile	7.476	41	9768	69.464	ug/l	95
42) 1,2-Dichloroethane	8.397	62	44671	87.528	ug/l	98
43) Isopropyl Acetate	8.421	43	34951	75.783	ug/l	98
44) Trichloroethene	9.092	130	50605	112.967	ug/l	83
45) 1,2-Dichloropropane	9.366	63	34760	89.113	ug/l	92
46) Dibromomethane	9.457	93	23336	104.933	ug/l	99
47) Bromodichloromethane	9.646	83	57793	103.854	ug/l	100
48) Methyl methacrylate	9.433	41	15566	69.228	ug/l	97
49) 1,4-Dioxane	9.451	88	6850	2274.474	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	92262	378.088	ug/l	100
52) Toluene	10.384	92	108363	105.105	ug/l	96
53) t-1,3-Dichloropropene	10.604	75	56418	102.282	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	64040	101.501	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	33404	107.551	ug/l	96
56) Ethyl methacrylate	10.646	69	39535	104.949	ug/l	96
57) 1,3-Dichloropropane	10.933	76	53508	101.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	73526	414.532	ug/l	98
59) 2-Hexanone	10.969	43	64555	375.148	ug/l	99
60) Dibromochloromethane	11.128	129	43228	115.886	ug/l	99
61) 1,2-Dibromoethane	11.238	107	34149	113.383	ug/l	99
64) Tetrachloroethene	10.860	164	41736	108.115	ug/l	92
65) Chlorobenzene	11.658	112	123745	112.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.725	131	44271	109.338	ug/l	92
67) Ethyl Benzene	11.731	91	216373	109.912	ug/l	97
68) m/p-Xylenes	11.841	106	169444	221.111	ug/l	97
69) o-Xylene	12.164	106	84554	119.226	ug/l	96
70) Styrene	12.183	104	138542	113.908	ug/l	98
71) Bromoform	12.347	173	26071	116.165	ug/l #	98
73) Isopropylbenzene	12.463	105	228599	119.323	ug/l	99
74) N-amyl acetate	12.268	43	35396	84.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	38615	111.416	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	28358m	103.890	ug/l	
77) Bromobenzene	12.750	156	53614	113.992	ug/l	99
78) n-propylbenzene	12.804	91	261762	111.226	ug/l	96
79) 2-Chlorotoluene	12.890	91	147787	109.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.939	105	192973	115.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	12165	111.303	ug/l	99
82) 4-Chlorotoluene	12.987	91	154051	106.916	ug/l	95
83) tert-Butylbenzene	13.207	119	168843	118.475	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	187005	112.810	ug/l	98
85) sec-Butylbenzene	13.384	105	249253	116.468	ug/l	99
86) p-Isopropyltoluene	13.493	119	219265	120.912	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	104891	108.901	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	103364	108.619	ug/l	98
89) n-Butylbenzene	13.823	91	198277	116.594	ug/l	98
90) Hexachloroethane	14.091	117	39845	118.850	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	98357	118.068	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5919	96.770	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	64000	111.185	ug/l	98
94) Hexachlorobutadiene	15.231	225	32248	89.087	ug/l	93
95) Naphthalene	15.365	128	123594	126.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	55548	108.005	ug/l	99

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

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