

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020739.D
 Acq On : 01 Nov 2021 16:55
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 02 04:20:12 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	7.951	168	45711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	69248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	63036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	34143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	48987	110.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 221.940%#			
35) Dibromofluoromethane	7.884	113	54250	132.214	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.420%#			
50) Toluene-d8	10.323	98	191525	126.047	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 252.100%#			
62) 4-Bromofluorobenzene	12.615	95	69981	122.869	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 245.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	21871	192.762	ug/l	89
3) Chloromethane	2.215	50	36885	134.756	ug/l	99
4) Vinyl Chloride	2.355	62	73455	207.154	ug/l	99
5) Bromomethane	2.739	94	68160	382.759	ug/l	88
6) Chloroethane	2.898	64	35775	334.769	ug/l	100
7) Trichlorofluoromethane	3.239	101	25375	166.423	ug/l	92
8) Diethyl Ether	3.678	74	25178	136.574	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.050	101	54989	147.244	ug/l	99
10) Methyl Iodide	4.263	142	77054	179.149	ug/l	98
11) Tert butyl alcohol	5.172	59	13394	563.323	ug/l #	94
12) 1,1-Dichloroethene	4.031	96	55445	153.638	ug/l	96
13) Acrolein	3.891	56	4369	444.176	ug/l	94
14) Allyl chloride	4.659	41	41520	82.325	ug/l	98
15) Acrylonitrile	5.367	53	48298	566.512	ug/l	96
16) Acetone	4.117	43	40976	431.371	ug/l	98
17) Carbon Disulfide	4.379	76	137615	140.050	ug/l #	95
18) Methyl Acetate	4.665	43	29775	96.699	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	65000	133.976	ug/l	98
20) Methylene Chloride	4.909	84	53772	111.264	ug/l #	91
21) trans-1,2-Dichloroethene	5.421	96	59720	147.492	ug/l	96
22) Diisopropyl ether	6.312	45	115058	106.275	ug/l	97
23) Vinyl Acetate	6.251	43	330653	556.650	ug/l	100
24) 1,1-Dichloroethane	6.214	63	89653	124.382	ug/l	96
25) 2-Butanone	7.171	43	57170	494.117	ug/l	97
26) 2,2-Dichloropropane	7.159	77	53151	131.490	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	69610	157.391	ug/l	95
28) Bromochloromethane	7.513	49	36082	108.898	ug/l	95
29) Tetrahydrofuran	7.531	42	35102	503.932	ug/l	99
30) Chloroform	7.671	83	111711	144.140	ug/l	99
31) Cyclohexane	7.951	56	75711	105.008	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	89882	150.211	ug/l	99
36) 1,1-Dichloropropene	8.080	75	81233	133.217	ug/l	98
37) Ethyl Acetate	7.257	43	25959	102.808	ug/l	99
38) Carbon Tetrachloride	8.067	117	85906	149.415	ug/l	97
39) Methylcyclohexane	9.335	83	104174	140.680	ug/l	97
40) Benzene	8.323	78	225647	128.817	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	14313	97.407	ug/l	98
42) 1,2-Dichloroethane	8.397	62	65987	123.732	ug/l	98
43) Isopropyl Acetate	8.421	43	50813	105.437	ug/l	99
44) Trichloroethene	9.085	130	73881	157.831	ug/l	81
45) 1,2-Dichloropropane	9.366	63	49729	122.004	ug/l	100
46) Dibromomethane	9.457	93	34394	148.003	ug/l	98
47) Bromodichloromethane	9.646	83	85287	146.667	ug/l	99
48) Methyl methacrylate	9.433	41	24215	103.061	ug/l	96
49) 1,4-Dioxane	9.451	88	9296	2953.858	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	133015	521.644	ug/l	100
52) Toluene	10.384	92	153739	142.701	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	83428	144.742	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	92834	140.809	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	48554	149.605	ug/l	97
56) Ethyl methacrylate	10.646	69	57728	146.652	ug/l	98
57) 1,3-Dichloropropane	10.933	76	76493	138.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	112186	605.284	ug/l	98
59) 2-Hexanone	10.969	43	94168	523.697	ug/l	99
60) Dibromochloromethane	11.128	129	62542	160.450	ug/l	100
61) 1,2-Dibromoethane	11.231	107	49619	157.660	ug/l	98
64) Tetrachloroethene	10.866	164	63089	157.188	ug/l	88
65) Chlorobenzene	11.658	112	176056	153.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	68456	162.613	ug/l	97
67) Ethyl Benzene	11.731	91	310189	151.552	ug/l	94
68) m/p-Xylenes	11.835	106	251010	315.040	ug/l	98
69) o-Xylene	12.164	106	121764	165.138	ug/l	98
70) Styrene	12.176	104	206971	163.673	ug/l	99
71) Bromoform	12.347	173	41428	177.543	ug/l #	93
73) Isopropylbenzene	12.463	105	324303	158.668	ug/l	100
74) N-amyl acetate	12.268	43	52448	117.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	55501	150.100	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	40212m	138.084	ug/l	
77) Bromobenzene	12.743	156	81557	162.535	ug/l	94
78) n-propylbenzene	12.804	91	383601	152.781	ug/l	100
79) 2-Chlorotoluene	12.890	91	217265	150.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	274304	154.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	17631	151.203	ug/l	98
82) 4-Chlorotoluene	12.987	91	219366	142.704	ug/l	95
83) tert-Butylbenzene	13.201	119	245964	161.773	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	272912	154.314	ug/l	99
85) sec-Butylbenzene	13.383	105	358013	156.803	ug/l	100
86) p-Isopropyltoluene	13.493	119	299120	154.609	ug/l	100
87) 1,3-Dichlorobenzene	13.493	146	156641	152.436	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	160255	157.848	ug/l	92
89) n-Butylbenzene	13.822	91	281837	155.342	ug/l	99
90) Hexachloroethane	14.091	117	57167	159.831	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	138597	155.944	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8705	133.398	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	92517	150.653	ug/l	96
94) Hexachlorobutadiene	15.231	225	48944	126.736	ug/l	96
95) Naphthalene	15.365	128	177766	170.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	77389	141.040	ug/l	96

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

