

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070945.D
 Acq On : 09 Nov 2021 10:32
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 10 03:41:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	415921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	718895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	288536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44283	10.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.000%	#	
35) Dibromofluoromethane	7.914	113	43325	10.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.360%	#	
50) Toluene-d8	10.332	98	167088	10.518	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.040%	#	
62) 4-Bromofluorobenzene	12.620	95	58338	10.199	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.400%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	33764	9.502	ug/l	95
3) Chloromethane	2.209	50	39555	9.354	ug/l	99
4) Vinyl Chloride	2.350	62	36551	8.988	ug/l	99
5) Bromomethane	2.767	94	26453	9.543	ug/l	95
6) Chloroethane	2.920	64	22962	8.791	ug/l	# 87
7) Trichlorofluoromethane	3.273	101	58067	8.872	ug/l	100
8) Diethyl Ether	3.709	74	18598	8.586	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.103	101	35633	8.832	ug/l	98
10) Methyl Iodide	4.303	142	26500	6.695	ug/l	98
11) Tert butyl alcohol	5.214	59	15017	46.401	ug/l	# 89
12) 1,1-Dichloroethene	4.067	96	36214	9.169	ug/l	# 92
13) Acrolein	3.926	56	5821	52.304	ug/l	91
14) Allyl chloride	4.714	41	73295	8.910	ug/l	89
15) Acrylonitrile	5.420	53	43758	42.219	ug/l	97
16) Acetone	4.161	43	42440	38.234	ug/l	94
17) Carbon Disulfide	4.409	76	115125	9.027	ug/l	99
18) Methyl Acetate	4.720	43	31411	8.268	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	86475	8.481	ug/l	100
20) Methylene Chloride	4.961	84	56582	10.226	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	39318	8.685	ug/l	92
22) Diisopropyl ether	6.367	45	140700	8.603	ug/l	97
23) Vinyl Acetate	6.303	43	319146	40.639	ug/l	99
24) 1,1-Dichloroethane	6.261	63	74786	8.561	ug/l	100
25) 2-Butanone	7.214	43	53988	38.404	ug/l	# 86
26) 2,2-Dichloropropane	7.208	77	63539	8.619	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	44746	8.647	ug/l	92
28) Bromochloromethane	7.544	49	36687	9.902	ug/l	89
29) Tetrahydrofuran	7.561	42	39222	43.592	ug/l	92
30) Chloroform	7.708	83	72020	8.672	ug/l	99
31) Cyclohexane	7.979	56	84689	9.299	ug/l	# 89
32) 1,1,1-Trichloroethane	7.902	97	60361	8.462	ug/l	94
36) 1,1-Dichloropropene	8.114	75	57480	8.955	ug/l	99
37) Ethyl Acetate	7.291	43	27719	9.466	ug/l	# 94
38) Carbon Tetrachloride	8.091	117	52529	8.887	ug/l	97
39) Methylcyclohexane	9.349	83	74382	8.973	ug/l	100
40) Benzene	8.349	78	161819	8.952	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	19781	13.682	ug/l #	69
42) 1,2-Dichloroethane	8.426	62	43724	8.540	ug/l	100
43) Isopropyl Acetate	8.449	43	54024	8.717	ug/l	90
44) Trichloroethene	9.114	130	41873	8.987	ug/l	96
45) 1,2-Dichloropropane	9.385	63	43151	8.827	ug/l	93
46) Dibromomethane	9.473	93	21034	9.040	ug/l	94
47) Bromodichloromethane	9.661	83	53185	8.642	ug/l #	99
48) Methyl methacrylate	9.449	41	26052	8.569	ug/l #	85
49) 1,4-Dioxane	9.455	88	5151	191.061	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	130243	43.347	ug/l	91
52) Toluene	10.396	92	99084	8.696	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	53358	8.597	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	63628	8.694	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	27918	8.730	ug/l	95
56) Ethyl methacrylate	10.655	69	39424	8.713	ug/l #	78
57) 1,3-Dichloropropane	10.943	76	50181	8.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	119015	50.594	ug/l	99
59) 2-Hexanone	10.979	43	89177	40.754	ug/l	91
60) Dibromochloromethane	11.132	129	32394	8.444	ug/l	98
61) 1,2-Dibromoethane	11.238	107	26736	8.594	ug/l	99
64) Tetrachloroethene	10.873	164	34359	9.125	ug/l	94
65) Chlorobenzene	11.661	112	102939	8.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	34574	8.455	ug/l	98
67) Ethyl Benzene	11.738	91	190212	8.718	ug/l	97
68) m/p-Xylenes	11.843	106	145221	17.808	ug/l	98
69) o-Xylene	12.173	106	69024	8.899	ug/l	97
70) Styrene	12.185	104	113223	8.621	ug/l	98
71) Bromoform	12.349	173	17611	8.258	ug/l #	96
73) Isopropylbenzene	12.467	105	180960	8.706	ug/l	100
74) N-amyl acetate	12.279	43	49552	8.344	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	30447	8.510	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	23414m	26.823	ug/l	
77) Bromobenzene	12.749	156	37229	8.382	ug/l	92
78) n-propylbenzene	12.808	91	222679	8.646	ug/l	100
79) 2-Chlorotoluene	12.896	91	123146	8.385	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	146478	8.559	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9174	7.802	ug/l #	86
82) 4-Chlorotoluene	12.996	91	130489	8.609	ug/l	99
83) tert-Butylbenzene	13.208	119	129715	8.798	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	144209	8.604	ug/l	99
85) sec-Butylbenzene	13.390	105	193232	8.718	ug/l	99
86) p-Isopropyltoluene	13.502	119	152640	8.576	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	75652	8.712	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	77265	8.887	ug/l	96
89) n-Butylbenzene	13.832	91	152473	8.525	ug/l	99
90) Hexachloroethane	14.096	117	28827	8.185	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	64733	8.603	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4984	8.494	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	41389	8.597	ug/l	96
94) Hexachlorobutadiene	15.249	225	20348	8.381	ug/l	97
95) Naphthalene	15.379	128	76645	8.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	34997	8.646	ug/l	97

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

