

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070925.D
 Acq On : 05 Nov 2021 14:24
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 06 23:26:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:24:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	480315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	819975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	723664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	320923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	56961	11.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.760%#		
35) Dibromofluoromethane	7.908	113	49512	9.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.620%#		
50) Toluene-d8	10.332	98	197298	9.868	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.740%#		
62) 4-Bromofluorobenzene	12.620	95	74200	11.016	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	22.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	48180	10.526	ug/l	94
3) Chloromethane	2.209	50	45434	7.494	ug/l	99
4) Vinyl Chloride	2.350	62	43607	6.574	ug/l	99
5) Bromomethane	2.773	94	27593	5.870	ug/l	92
6) Chloroethane	2.920	64	27689	6.739	ug/l	96
7) Trichlorofluoromethane	3.273	101	77143	8.833	ug/l	93
8) Diethyl Ether	3.709	74	20939	8.695	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	44269	7.974	ug/l	97
10) Methyl Iodide	4.297	142	31925	6.568	ug/l	96
11) Tert butyl alcohol	5.214	59	16920	60.206	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	42007	8.659	ug/l	89
13) Acrolein	3.926	56	7032	33.280	ug/l #	69
14) Allyl chloride	4.709	41	84066	10.483	ug/l #	81
15) Acrylonitrile	5.420	53	46772	40.670	ug/l	94
16) Acetone	4.156	43	48673	41.795	ug/l #	84
17) Carbon Disulfide	4.403	76	135841	8.022	ug/l	96
18) Methyl Acetate	4.714	43	38431	9.649	ug/l	93
19) Methyl tert-butyl Ether	5.467	73	101158	9.673	ug/l	97
20) Methylene Chloride	4.956	84	63616	8.288	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	48186	8.452	ug/l #	84
22) Diisopropyl ether	6.350	45	156815	9.719	ug/l #	92
23) Vinyl Acetate	6.297	43	350477	47.029	ug/l	99
24) 1,1-Dichloroethane	6.256	63	90077	8.433	ug/l	100
25) 2-Butanone	7.208	43	63721	44.550	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	86191	9.853	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	51419	8.355	ug/l	88
28) Bromochloromethane	7.538	49	41799	10.016	ug/l #	91
29) Tetrahydrofuran	7.555	42	40547	46.873	ug/l	96
30) Chloroform	7.703	83	88130	8.249	ug/l	96
31) Cyclohexane	7.979	56	104170	10.386	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	80963	8.775	ug/l	93
36) 1,1-Dichloropropene	8.108	75	71527	8.450	ug/l	98
37) Ethyl Acetate	7.285	43	27143	8.397	ug/l #	94
38) Carbon Tetrachloride	8.091	117	66010	7.729	ug/l	93
39) Methylcyclohexane	9.344	83	94099	9.534	ug/l	96
40) Benzene	8.344	78	186965	7.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	19356	10.832	ug/l #	76
42) 1,2-Dichloroethane	8.414	62	56996	8.821	ug/l	93
43) Isopropyl Acetate	8.444	43	61671	10.008	ug/l #	89
44) Trichloroethene	9.108	130	50108	7.870	ug/l	97
45) 1,2-Dichloropropane	9.379	63	47659	7.384	ug/l	97
46) Dibromomethane	9.467	93	23276	7.331	ug/l	96
47) Bromodichloromethane	9.655	83	65344	7.875	ug/l #	97
48) Methyl methacrylate	9.450	41	32130	10.856	ug/l #	79
49) 1,4-Dioxane	9.455	88	5525	161.593	ug/l #	51
51) 4-Methyl-2-Pentanone	10.220	43	147192	46.533	ug/l	90
52) Toluene	10.397	92	118509	8.099	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	66207	9.011	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	75948	8.431	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	31795	7.120	ug/l	94
56) Ethyl methacrylate	10.655	69	44123	8.690	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	57941	7.632	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	125308	55.670	ug/l	100
59) 2-Hexanone	10.973	43	105430	46.810	ug/l	88
60) Dibromochloromethane	11.132	129	39812	7.376	ug/l	98
61) 1,2-Dibromoethane	11.238	107	32108	7.731	ug/l	97
64) Tetrachloroethene	10.873	164	41321	8.450	ug/l	93
65) Chlorobenzene	11.661	112	118532	8.080	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	42394	7.811	ug/l	96
67) Ethyl Benzene	11.738	91	236288	9.193	ug/l	95
68) m/p-Xylenes	11.843	106	173297	17.530	ug/l	93
69) o-Xylene	12.173	106	82923	9.149	ug/l	98
70) Styrene	12.185	104	138083	8.889	ug/l	95
71) Bromoform	12.355	173	21660	7.596	ug/l #	99
73) Isopropylbenzene	12.467	105	224377	10.266	ug/l	97
74) N-amyl acetate	12.279	43	58613	11.516	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	33530	7.721	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	23641m	7.414	ug/l	
77) Bromobenzene	12.749	156	45592	8.739	ug/l	91
78) n-propylbenzene	12.808	91	274862	9.885	ug/l	99
79) 2-Chlorotoluene	12.896	91	155074	9.597	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	186596	10.135	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.520	75	11097	9.019	ug/l #	83
82) 4-Chlorotoluene	12.996	91	164539	9.811	ug/l	96
83) tert-Butylbenzene	13.214	119	160014	10.312	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	181491	10.028	ug/l	94
85) sec-Butylbenzene	13.390	105	240437	9.943	ug/l	98
86) p-Isopropyltoluene	13.502	119	197945	10.173	ug/l	95
87) 1,3-Dichlorobenzene	13.502	146	90946	8.514	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	87979	8.279	ug/l	93
89) n-Butylbenzene	13.832	91	194946	10.148	ug/l	99
90) Hexachloroethane	14.096	117	38131	8.767	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	76670	8.388	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6485	9.851	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	48918	9.061	ug/l	96
94) Hexachlorobutadiene	15.249	225	27308	7.906	ug/l	97
95) Naphthalene	15.379	128	92707	10.006	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	41162	8.880	ug/l	97

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

