

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070924.D
 Acq On : 05 Nov 2021 12:53
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 06 23:26:03 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	7.979	168	452138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	776631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	685285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	309015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	29895	6.344	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.680%#		
35) Dibromofluoromethane	7.914	113	26380	5.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.480%#		
50) Toluene-d8	10.332	98	102521	5.414	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.820%#		
62) 4-Bromofluorobenzene	12.620	95	41046	6.434	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	12.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	25727	5.971	ug/l	99
3) Chloromethane	2.209	50	27484	4.816	ug/l	99
4) Vinyl Chloride	2.350	62	24786	3.969	ug/l	100
5) Bromomethane	2.773	94	16823	3.802	ug/l	95
6) Chloroethane	2.920	64	15670	4.051	ug/l	91
7) Trichlorofluoromethane	3.273	101	46629	5.672	ug/l	95
8) Diethyl Ether	3.715	74	13651	6.022	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	25544	4.888	ug/l	94
10) Methyl Iodide	4.309	142	17495	3.823	ug/l	95
11) Tert butyl alcohol	5.209	59	11476	43.380	ug/l #	80
12) 1,1-Dichloroethene	4.073	96	26353	5.771	ug/l	86
13) Acrolein	3.920	56	2126	10.689	ug/l #	23
14) Allyl chloride	4.714	41	51769	6.858	ug/l #	84
15) Acrylonitrile	5.420	53	27706	25.593	ug/l #	94
16) Acetone	4.162	43	40651	37.082	ug/l	92
17) Carbon Disulfide	4.414	76	79316	4.976	ug/l	98
18) Methyl Acetate	4.720	43	20349	5.428	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	60669	6.163	ug/l	96
20) Methylene Chloride	4.962	84	64943	8.988	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	28885	5.382	ug/l	87
22) Diisopropyl ether	6.367	45	98293	6.472	ug/l	98
23) Vinyl Acetate	6.303	43	211707	30.178	ug/l	96
24) 1,1-Dichloroethane	6.261	63	56170	5.586	ug/l	97
25) 2-Butanone	7.214	43	43307	32.165	ug/l	89
26) 2,2-Dichloropropane	7.203	77	50038	6.077	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	34101	5.886	ug/l	91
28) Bromochloromethane	7.550	49	20219	5.147	ug/l	93
29) Tetrahydrofuran	7.567	42	25584	31.419	ug/l	95
30) Chloroform	7.708	83	54500	5.419	ug/l	97
31) Cyclohexane	7.979	56	66609	7.055	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	50862	5.856	ug/l	96
36) 1,1-Dichloropropene	8.108	75	43481	5.424	ug/l	98
37) Ethyl Acetate	7.285	43	17177	5.611	ug/l #	91
38) Carbon Tetrachloride	8.091	117	40763	5.039	ug/l	94
39) Methylcyclohexane	9.355	83	55883	5.978	ug/l	99
40) Benzene	8.350	78	116379	5.069	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	12045	7.117	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	34266	5.599	ug/l	99
43) Isopropyl Acetate	8.450	43	37990	6.509	ug/l #	90
44) Trichloroethene	9.108	130	31123	5.161	ug/l	90
45) 1,2-Dichloropropane	9.385	63	30576	5.002	ug/l	98
46) Dibromomethane	9.467	93	15346	5.103	ug/l	89
47) Bromodichloromethane	9.655	83	40087	5.101	ug/l	97
48) Methyl methacrylate	9.450	41	20174	7.197	ug/l	87
49) 1,4-Dioxane	9.461	88	3312	102.274	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	85533	28.550	ug/l	93
52) Toluene	10.397	92	75458	5.444	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	40731	5.853	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	48306	5.662	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	19827	4.688	ug/l	93
56) Ethyl methacrylate	10.655	69	29664	6.168	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	36022	5.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	63503	29.787	ug/l	99
59) 2-Hexanone	10.979	43	69059	32.373	ug/l	89
60) Dibromochloromethane	11.138	129	25137	4.917	ug/l	99
61) 1,2-Dibromoethane	11.238	107	19117	4.860	ug/l	92
64) Tetrachloroethene	10.873	164	25165	5.434	ug/l	95
65) Chlorobenzene	11.661	112	74127	5.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	29392	5.719	ug/l	92
67) Ethyl Benzene	11.738	91	147975	6.079	ug/l	100
68) m/p-Xylenes	11.844	106	108167	11.555	ug/l	93
69) o-Xylene	12.173	106	51929	6.051	ug/l	94
70) Styrene	12.185	104	83177	5.654	ug/l	93
71) Bromoform	12.349	173	13144	4.868	ug/l #	97
73) Isopropylbenzene	12.467	105	139997	6.652	ug/l	99
74) N-amyl acetate	12.273	43	34789	7.098	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	20072	4.800	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	17233m	5.613	ug/l	
77) Bromobenzene	12.749	156	28424	5.658	ug/l	87
78) n-propylbenzene	12.808	91	170573	6.371	ug/l	100
79) 2-Chlorotoluene	12.896	91	97737	6.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	117486	6.627	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	6524	5.507	ug/l #	74
82) 4-Chlorotoluene	12.996	91	99654	6.171	ug/l	98
83) tert-Butylbenzene	13.214	119	100780	6.745	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	114584	6.575	ug/l	93
85) sec-Butylbenzene	13.390	105	149837	6.435	ug/l	99
86) p-Isopropyltoluene	13.502	119	123912	6.614	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	56709	5.514	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	55411	5.415	ug/l	92
89) n-Butylbenzene	13.832	91	119241	6.446	ug/l	100
90) Hexachloroethane	14.096	117	23467	5.604	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	47389	5.384	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3947	6.227	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	30070	5.785	ug/l	98
94) Hexachlorobutadiene	15.249	225	16506	4.963	ug/l	97
95) Naphthalene	15.379	128	54379	6.095	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	25019	5.606	ug/l	95

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

