

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070903.D
 Acq On : 03 Nov 2021 11:45
 Operator : VA/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBS01

Quant Time: Nov 03 22:07:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 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	395379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	595079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	299104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200386	50.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.780%			
35) Dibromofluoromethane	7.908	113	219653	53.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.580%			
50) Toluene-d8	10.332	98	840993	54.230	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.626	95	279257	54.577	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65761	17.934	ug/l	96
3) Chloromethane	2.209	50	97425	18.773	ug/l	100
4) Vinyl Chloride	2.350	62	106209	18.500	ug/l	99
5) Bromomethane	2.762	94	69614	16.620	ug/l	98
6) Chloroethane	2.920	64	61249	17.268	ug/l	95
7) Trichlorofluoromethane	3.273	101	137582	19.457	ug/l	97
8) Diethyl Ether	3.703	74	37025	18.900	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	88632	19.448	ug/l	99
10) Methyl Iodide	4.303	142	66615	16.512	ug/l	96
11) Tert butyl alcohol	5.209	59	18073	85.517	ug/l #	86
12) 1,1-Dichloroethene	4.073	96	74299	18.624	ug/l	95
13) Acrolein	3.920	56	14292	75.412	ug/l	98
14) Allyl chloride	4.720	41	119867	19.180	ug/l	99
15) Acrylonitrile	5.414	53	82455	87.869	ug/l	96
16) Acetone	4.156	43	77463	83.730	ug/l	100
17) Carbon Disulfide	4.409	76	252447	17.900	ug/l	100
18) Methyl Acetate	4.720	43	56718	17.883	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	148041	17.839	ug/l	98
20) Methylene Chloride	4.967	84	108958	17.737	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	90032	19.044	ug/l	96
22) Diisopropyl ether	6.361	45	260375	20.091	ug/l	99
23) Vinyl Acetate	6.303	43	527273	90.319	ug/l	100
24) 1,1-Dichloroethane	6.261	63	166995	19.118	ug/l	97
25) 2-Butanone	7.208	43	98184	86.226	ug/l	99
26) 2,2-Dichloropropane	7.203	77	138846	19.923	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	97492	19.243	ug/l	98
28) Bromochloromethane	7.544	49	68350	19.955	ug/l	98
29) Tetrahydrofuran	7.567	42	61807	89.845	ug/l	98
30) Chloroform	7.708	83	170238	19.418	ug/l	99
31) Cyclohexane	7.985	56	145187	17.918	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	146408	19.553	ug/l	99
36) 1,1-Dichloropropene	8.108	75	126417	19.327	ug/l	97
37) Ethyl Acetate	7.291	43	45343	18.645	ug/l	97
38) Carbon Tetrachloride	8.091	117	134122	20.391	ug/l	92
39) Methylcyclohexane	9.349	83	134744	17.902	ug/l	98
40) Benzene	8.344	78	376920	19.820	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22532	17.514	ug/l #	83
42) 1,2-Dichloroethane	8.420	62	94769	19.573	ug/l	99
43) Isopropyl Acetate	8.450	43	80042	17.706	ug/l	97
44) Trichloroethene	9.108	130	97631	19.871	ug/l	98
45) 1,2-Dichloropropane	9.379	63	100412	19.916	ug/l	98
46) Dibromomethane	9.467	93	48457	19.604	ug/l	98
47) Bromodichloromethane	9.655	83	121378	18.995	ug/l	91
48) Methyl methacrylate	9.449	41	41929	19.412	ug/l	99
49) 1,4-Dioxane	9.449	88	10433	395.462	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	217595	91.792	ug/l	98
52) Toluene	10.397	92	237657	20.794	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	108847	19.545	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	135723	19.738	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	66465	18.959	ug/l	95
56) Ethyl methacrylate	10.655	69	70439	18.309	ug/l	99
57) 1,3-Dichloropropane	10.938	76	114014	19.302	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	160874	96.528	ug/l	99
59) 2-Hexanone	10.979	43	148727	87.888	ug/l	99
60) Dibromochloromethane	11.132	129	80638	19.170	ug/l	98
61) 1,2-Dibromoethane	11.238	107	62307	19.255	ug/l	97
64) Tetrachloroethene	10.873	164	79381	19.443	ug/l	93
65) Chlorobenzene	11.661	112	242386	19.853	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	91235	20.144	ug/l	100
67) Ethyl Benzene	11.738	91	412474	19.401	ug/l	99
68) m/p-Xylenes	11.843	106	333655	40.306	ug/l	100
69) o-Xylene	12.173	106	145262	19.375	ug/l	100
70) Styrene	12.185	104	254721	19.616	ug/l	98
71) Bromoform	12.349	173	47170	19.709	ug/l #	97
73) Isopropylbenzene	12.473	105	385728	19.335	ug/l	100
74) N-amyl acetate	12.279	43	76178	17.362	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	74832	18.382	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59565m	20.230	ug/l	
77) Bromobenzene	12.755	156	94162	19.371	ug/l	99
78) n-propylbenzene	12.814	91	504449	19.700	ug/l	100
79) 2-Chlorotoluene	12.902	91	288859	19.428	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	332107	19.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20798	18.539	ug/l	94
82) 4-Chlorotoluene	12.996	91	305039	19.741	ug/l	98
83) tert-Butylbenzene	13.214	119	269087	19.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	333693	19.989	ug/l	98
85) sec-Butylbenzene	13.390	105	430703	19.341	ug/l	99
86) p-Isopropyltoluene	13.508	119	351529	19.622	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	195516	19.478	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	192633	19.350	ug/l	99
89) n-Butylbenzene	13.832	91	335189	19.095	ug/l	96
90) Hexachloroethane	14.102	117	74451	18.519	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	168511	19.674	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10002	16.863	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	92711	18.732	ug/l	98
94) Hexachlorobutadiene	15.249	225	63182	19.376	ug/l	97
95) Naphthalene	15.384	128	138811	17.682	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	82462	19.174	ug/l	99

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

