

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075153.D
 Acq On : 20 Jan 2023 15:08
 Operator : KP/SY
 Sample : MDL04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

Quant Time: Jan 23 01:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 23 01:28:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	74576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	125526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41285	54.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.500%			
35) Dibromofluoromethane	7.810	113	42546	49.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.360%			
50) Toluene-d8	10.269	98	171258	50.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.575	95	53511	50.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	1859	2.862	ug/l	96
3) Chloromethane	2.146	50	2963	3.076	ug/l	98
4) Vinyl Chloride	2.287	62	2722	2.633	ug/l	99
5) Bromomethane	2.699	94	2634	3.747	ug/l	96
6) Chloroethane	2.834	64	1944	2.712	ug/l #	84
7) Trichlorofluoromethane	3.169	101	3806	2.897	ug/l #	75
8) Diethyl Ether	3.599	74	1117	2.638	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.981	101	2590	3.193	ug/l #	85
10) Methyl Iodide	4.169	142	1790	1.639	ug/l #	79
11) Tert butyl alcohol	5.034	59	818m	15.408	ug/l	
12) 1,1-Dichloroethene	3.946	96	2577	3.018	ug/l	95
13) Acrolein	3.793	56	686	13.304	ug/l #	45
14) Allyl chloride	4.569	41	3590m	2.591	ug/l	
15) Acrylonitrile	5.263	53	2456	13.720	ug/l #	89
16) Acetone	4.022	43	2733	13.617	ug/l #	88
17) Carbon Disulfide	4.275	76	8224	2.969	ug/l	99
18) Methyl Acetate	4.569	43	2049	3.756	ug/l #	71
19) Methyl tert-butyl Ether	5.322	73	4899	2.746	ug/l	91
20) Methylene Chloride	4.799	84	10342	8.171	ug/l #	94
21) trans-1,2-Dichloroethene	5.322	96	2762m	2.906	ug/l	
22) Diisopropyl ether	6.228	45	6844m	2.653	ug/l	
23) Vinyl Acetate	6.163	43	11540m	10.151	ug/l	
24) 1,1-Dichloroethane	6.116	63	5104	3.149	ug/l #	80
25) 2-Butanone	7.087	43	3525	14.531	ug/l	95
26) 2,2-Dichloropropane	7.069	77	3708	2.566	ug/l #	69
27) cis-1,2-Dichloroethene	7.081	96	3089	2.981	ug/l	96
28) Bromochloromethane	7.428	49	1345	3.039	ug/l #	85
29) Tetrahydrofuran	7.457	42	1826	13.198	ug/l #	89
30) Chloroform	7.604	83	4820	2.982	ug/l	97
31) Cyclohexane	7.875	56	6369	4.173	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	3862	2.773	ug/l	95
36) 1,1-Dichloropropene	8.016	75	3679	2.674	ug/l	94
37) Ethyl Acetate	7.181	43	1482	2.674	ug/l #	67
38) Carbon Tetrachloride	7.999	117	2281	1.969	ug/l	85
39) Methylcyclohexane	9.281	83	4611	2.719	ug/l	92
40) Benzene	8.257	78	10873	2.771	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	824m	2.470	ug/l	
42) 1,2-Dichloroethane	8.328	62	2816	2.732	ug/l	85
43) Isopropyl Acetate	8.357	43	2684	2.488	ug/l #	91
44) Trichloroethene	9.028	130	2831	2.566	ug/l	97
45) 1,2-Dichloropropane	9.304	63	2562	2.651	ug/l	94
46) Dibromomethane	9.393	93	1396	2.739	ug/l #	87
47) Bromodichloromethane	9.587	83	3463	2.738	ug/l #	97
48) Methyl methacrylate	9.387	41	1177	2.231	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	6304	12.170	ug/l	100
52) Toluene	10.340	92	6813	2.748	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	2660	2.223	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	3332	2.279	ug/l	95
55) 1,1,2-Trichloroethane	10.740	97	1908	2.828	ug/l #	84
56) Ethyl methacrylate	10.598	69	1866	2.300	ug/l #	91
57) 1,3-Dichloropropane	10.887	76	2948	2.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	2683	9.665	ug/l	95
59) 2-Hexanone	10.922	43	4587	12.247	ug/l	93
60) Dibromochloromethane	11.075	129	1838	2.260	ug/l	93
61) 1,2-Dibromoethane	11.181	107	1747	2.710	ug/l	89
64) Tetrachloroethene	10.810	164	2513	2.803	ug/l	90
65) Chlorobenzene	11.610	112	6986	2.716	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.687	131	2232	2.580	ug/l	91
67) Ethyl Benzene	11.687	91	11975	2.586	ug/l	98
68) m/p-Xylenes	11.792	106	8994	5.029	ug/l	96
69) o-Xylene	12.128	106	4407	2.627	ug/l	100
70) Styrene	12.140	104	7101	2.546	ug/l	97
71) Bromoform	12.304	173	972	2.176	ug/l #	94
73) Isopropylbenzene	12.422	105	10937	2.592	ug/l	98
74) N-amyl acetate	12.240	43	2204	2.384	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	1869	2.780	ug/l #	95
76) 1,2,3-Trichloropropane	12.722	75	1264m	2.794	ug/l	
77) Bromobenzene	12.704	156	2695	2.796	ug/l	93
78) n-propylbenzene	12.763	91	14586	2.813	ug/l	96
79) 2-Chlorotoluene	12.857	91	7850	2.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	8925	2.582	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	307m	1.574	ug/l	
82) 4-Chlorotoluene	12.951	91	8470	2.889	ug/l	99
83) tert-Butylbenzene	13.169	119	7253	2.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	8060	2.374	ug/l	99
85) sec-Butylbenzene	13.351	105	12273	2.701	ug/l	98
86) p-Isopropyltoluene	13.463	119	9552	2.568	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	5129	2.745	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	5212	2.836	ug/l	88
89) n-Butylbenzene	13.792	91	10053	2.773	ug/l	94
90) Hexachloroethane	14.051	117	1564	2.381	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	4439	2.777	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	2682	2.555	ug/l	97
94) Hexachlorobutadiene	15.204	225	1208	2.348	ug/l	93
95) Naphthalene	15.333	128	5341	2.556	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	2108	2.354	ug/l	97

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