

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075150.D
 Acq On : 20 Jan 2023 13:45
 Operator : KP/SY
 Sample : VD0120SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 00:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	78332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	142964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	128592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44838	56.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.200%			
35) Dibromofluoromethane	7.810	113	45797	53.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.269	98	181451	53.345	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.575	95	57742	53.489	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16744	25.810	ug/l	100
3) Chloromethane	2.146	50	22911	22.642	ug/l	98
4) Vinyl Chloride	2.281	62	21786	20.065	ug/l	98
5) Bromomethane	2.687	94	15595	21.120	ug/l	97
6) Chloroethane	2.834	64	15556	20.663	ug/l	97
7) Trichlorofluoromethane	3.175	101	29230	21.180	ug/l	99
8) Diethyl Ether	3.593	74	9792	22.021	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	18471	21.680	ug/l	99
10) Methyl Iodide	4.163	142	21116	18.412	ug/l	99
11) Tert butyl alcohol	5.051	59	6776m	121.515	ug/l	
12) 1,1-Dichloroethene	3.946	96	20141	22.456	ug/l	89
13) Acrolein	3.793	56	6739	133.197	ug/l	96
14) Allyl chloride	4.563	41	31684	21.767	ug/l	99
15) Acrylonitrile	5.251	53	22449	119.392	ug/l	95
16) Acetone	4.022	43	21046	99.831	ug/l	96
17) Carbon Disulfide	4.269	76	63561	21.849	ug/l	98
18) Methyl Acetate	4.569	43	13044	22.763	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	40831	21.793	ug/l	96
20) Methylene Chloride	4.798	84	27243	20.105	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	21087	21.119	ug/l	96
22) Diisopropyl ether	6.216	45	58926	21.750	ug/l	96
23) Vinyl Acetate	6.157	43	118156	98.952	ug/l	99
24) 1,1-Dichloroethane	6.116	63	36826	21.629	ug/l	98
25) 2-Butanone	7.081	43	27005	105.987	ug/l #	88
26) 2,2-Dichloropropane	7.081	77	30829	20.312	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	23491	21.583	ug/l	99
28) Bromochloromethane	7.428	49	11183	24.057	ug/l #	94
29) Tetrahydrofuran	7.445	42	14988	103.134	ug/l	96
30) Chloroform	7.598	83	36571	21.540	ug/l	99
31) Cyclohexane	7.881	56	34816	21.718	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	30406	20.787	ug/l	98
36) 1,1-Dichloropropene	8.016	75	29109	20.972	ug/l	99
37) Ethyl Acetate	7.169	43	11336	20.272	ug/l #	77
38) Carbon Tetrachloride	7.992	117	23397	20.020	ug/l	97
39) Methylcyclohexane	9.275	83	35990	21.041	ug/l	97
40) Benzene	8.257	78	84656	21.387	ug/l	97

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41) Methacrylonitrile	7.404	41	6420	19.080	ug/l	94
42) 1,2-Dichloroethane	8.322	62	21768	20.936	ug/l	97
43) Isopropyl Acetate	8.363	43	22364	20.551	ug/l	98
44) Trichloroethene	9.028	130	22876	20.552	ug/l	95
45) 1,2-Dichloropropane	9.310	63	20164	20.680	ug/l	99
46) Dibromomethane	9.398	93	11132	21.648	ug/l	90
47) Bromodichloromethane	9.586	83	25968	20.355	ug/l	100
48) Methyl methacrylate	9.381	41	11392	21.408	ug/l	91
49) 1,4-Dioxane	9.375	88	1879	382.754	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	55776	106.735	ug/l	98
52) Toluene	10.333	92	51696	20.667	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	24172	20.027	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	30475	20.667	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	14229	20.909	ug/l	97
56) Ethyl methacrylate	10.604	69	16941	20.700	ug/l	100
57) 1,3-Dichloropropane	10.881	76	25108	21.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	29564	105.571	ug/l	100
59) 2-Hexanone	10.928	43	39696	105.059	ug/l	99
60) Dibromochloromethane	11.075	129	16415	20.012	ug/l	99
61) 1,2-Dibromoethane	11.181	107	13652	20.996	ug/l	95
64) Tetrachloroethene	10.816	164	17673	19.246	ug/l	97
65) Chlorobenzene	11.610	112	53680	20.372	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.686	131	17354	19.580	ug/l	99
67) Ethyl Benzene	11.686	91	96677	20.383	ug/l	99
68) m/p-Xylenes	11.798	106	76194	41.585	ug/l	95
69) o-Xylene	12.122	106	35908	20.892	ug/l	99
70) Styrene	12.139	104	59225	20.729	ug/l	99
71) Bromoform	12.304	173	9093	19.869	ug/l #	95
73) Isopropylbenzene	12.428	105	91940	20.062	ug/l	99
74) N-amyl acetate	12.239	43	19440	19.365	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	15853	21.711	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	10031m	20.414	ug/l	
77) Bromobenzene	12.704	156	19839	18.953	ug/l	92
78) n-propylbenzene	12.769	91	114163	20.272	ug/l	100
79) 2-Chlorotoluene	12.851	91	61288	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	75225	20.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4091	19.312	ug/l	94
82) 4-Chlorotoluene	12.951	91	64851	20.365	ug/l	99
83) tert-Butylbenzene	13.169	119	66075	20.339	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	73929	20.049	ug/l	100
85) sec-Butylbenzene	13.345	105	100360	20.336	ug/l	97
86) p-Isopropyltoluene	13.463	119	80055	19.813	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	40237	19.830	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	41521	20.798	ug/l	99
89) n-Butylbenzene	13.792	91	79235	20.125	ug/l	99
90) Hexachloroethane	14.057	117	13854	19.417	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	35436	20.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2427	21.739	ug/l	89
93) 1,2,4-Trichlorobenzene	15.104	180	20781	18.230	ug/l	99
94) Hexachlorobutadiene	15.210	225	10476	18.752	ug/l	98
95) Naphthalene	15.339	128	41539	18.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	17863	18.365	ug/l	99

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

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