

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074002.D
 Acq On : 09 Aug 2022 21:56
 Operator : VA/SY
 Sample : VD0809SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Quant Time: Aug 10 01:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	134279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	225028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	53684	45.094	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.180%		
35) Dibromofluoromethane	7.903	113	66182	48.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.300%		
50) Toluene-d8	10.332	98	166034	40.888	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.780%		
62) 4-Bromofluorobenzene	12.620	95	86252	49.423	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24920	20.851	ug/l	97
3) Chloromethane	2.209	50	38483	24.192	ug/l	89
4) Vinyl Chloride	2.344	62	53007	23.308	ug/l	97
5) Bromomethane	2.750	94	35111	27.608	ug/l	98
6) Chloroethane	2.909	64	37600	23.239	ug/l	96
7) Trichlorofluoromethane	3.256	101	57322	22.272	ug/l	95
8) Diethyl Ether	3.709	74	12104	21.710	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	29574	21.524	ug/l	99
10) Methyl Iodide	4.291	142	26746	22.081	ug/l	99
11) Tert butyl alcohol	5.232	59	8712	54.067	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	25362	22.209	ug/l	97
13) Acrolein	3.915	56	11941	152.685	ug/l	97
14) Allyl chloride	4.703	41	34243	22.094	ug/l	97
15) Acrylonitrile	5.409	53	30316	115.928	ug/l	99
16) Acetone	4.156	43	25318	101.986	ug/l	98
17) Carbon Disulfide	4.397	76	68205	24.926	ug/l	96
18) Methyl Acetate	4.720	43	14361	21.564	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	64670	22.029	ug/l	91
20) Methylene Chloride	4.956	84	54494	31.089	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	29220	21.821	ug/l	97
22) Diisopropyl ether	6.361	45	76515	22.133	ug/l	98
23) Vinyl Acetate	6.303	43	208935	22.105	ug/l	99
24) 1,1-Dichloroethane	6.244	63	53503	22.436	ug/l	99
25) 2-Butanone	7.203	43	37537	99.728	ug/l	95
26) 2,2-Dichloropropane	7.203	77	44114	17.959	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	33608	21.457	ug/l	97
28) Bromochloromethane	7.538	49	16240	21.391	ug/l	95
29) Tetrahydrofuran	7.561	42	22570	109.183	ug/l	97
30) Chloroform	7.703	83	60608	21.919	ug/l	97
31) Cyclohexane	7.973	56	41308	22.612	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	54455	20.761	ug/l	96
36) 1,1-Dichloropropene	8.097	75	42432	21.930	ug/l	97
37) Ethyl Acetate	7.285	43	17157	20.076	ug/l	96
38) Carbon Tetrachloride	8.085	117	47744	20.960	ug/l	96
39) Methylcyclohexane	9.350	83	44395	21.531	ug/l	94
40) Benzene	8.344	78	117056	21.499	ug/l	100

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41) Methacrylonitrile	7.508	41	8136	18.621	ug/l	93
42) 1,2-Dichloroethane	8.414	62	38650	22.133	ug/l	98
43) Isopropyl Acetate	8.444	43	34939	21.965	ug/l	95
44) Trichloroethene	9.103	130	33840	21.177	ug/l	99
45) 1,2-Dichloropropane	9.379	63	30384	22.779	ug/l	98
46) Dibromomethane	9.461	93	19352	21.929	ug/l	99
47) Bromodichloromethane	9.650	83	47576	21.481	ug/l	93
48) Methyl methacrylate	9.450	41	16544	23.216	ug/l	87
49) 1,4-Dioxane	9.455	88	4618	462.360	ug/l	93
51) 4-Methyl-2-Pentanone	10.214	43	88398	107.661	ug/l	99
52) Toluene	10.391	92	76425	21.278	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	40343	20.885	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	46457	21.075	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	26040	22.461	ug/l	94
56) Ethyl methacrylate	10.650	69	26326	20.917	ug/l	95
57) 1,3-Dichloropropane	10.932	76	40338	21.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	42003	95.632	ug/l	98
59) 2-Hexanone	10.973	43	59428	106.764	ug/l	97
60) Dibromochloromethane	11.132	129	33570	21.754	ug/l	99
61) 1,2-Dibromoethane	11.232	107	24975	22.102	ug/l	96
64) Tetrachloroethene	10.867	164	29460	21.783	ug/l	94
65) Chlorobenzene	11.661	112	86799	21.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	32113	20.223	ug/l	94
67) Ethyl Benzene	11.732	91	144661	20.575	ug/l	100
68) m/p-Xylenes	11.844	106	115695	40.977	ug/l	98
69) o-Xylene	12.167	106	54054	20.827	ug/l	98
70) Styrene	12.179	104	94408	20.789	ug/l	97
71) Bromoform	12.349	173	19774	20.878	ug/l #	99
73) Isopropylbenzene	12.467	105	141540	20.222	ug/l	99
74) N-amyl acetate	12.273	43	31470	21.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	29161	21.422	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	22324m	27.263	ug/l	
77) Bromobenzene	12.743	156	34609	20.222	ug/l	98
78) n-propylbenzene	12.802	91	178823	20.788	ug/l	99
79) 2-Chlorotoluene	12.896	91	103267	21.136	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	125585	20.984	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	7952	20.872	ug/l	97
82) 4-Chlorotoluene	12.991	91	108597	20.921	ug/l	99
83) tert-Butylbenzene	13.208	119	105322	20.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	124488	20.729	ug/l	99
85) sec-Butylbenzene	13.385	105	159935	20.283	ug/l	99
86) p-Isopropyltoluene	13.502	119	134844	20.269	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	72542	20.203	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	75347	20.746	ug/l	98
89) n-Butylbenzene	13.826	91	126607	20.296	ug/l	99
90) Hexachloroethane	14.096	117	27412	20.473	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	64258	20.734	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5061	20.825	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	36911	19.788	ug/l	96
94) Hexachlorobutadiene	15.243	225	21528	20.404	ug/l	96
95) Naphthalene	15.379	128	72165	20.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	34525	20.524	ug/l	100

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

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