

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074189.D
 Acq On : 23 Aug 2022 17:17
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 24 05:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	159225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	259725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	251780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74317	45.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.360%		
35) Dibromofluoromethane	7.908	113	80392	46.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.560%		
50) Toluene-d8	10.332	98	249599	44.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.280%		
62) 4-Bromofluorobenzene	12.620	95	107738	48.776	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	26034	19.484	ug/l	97
3) Chloromethane	2.209	50	17094	17.956	ug/l	99
4) Vinyl Chloride	2.344	62	16852	16.863	ug/l	93
5) Bromomethane	2.744	94	11405	17.671	ug/l	95
6) Chloroethane	2.909	64	12345	19.035	ug/l	89
7) Trichlorofluoromethane	3.256	101	53091	18.286	ug/l	98
8) Diethyl Ether	3.703	74	14840	19.021	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	32486	18.493	ug/l	96
10) Methyl Iodide	4.291	142	33703	16.625	ug/l	99
11) Tert butyl alcohol	5.238	59	14066	138.828	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	28489	18.134	ug/l	88
13) Acrolein	3.914	56	6226	141.805	ug/l	96
14) Allyl chloride	4.709	41	46163	18.769	ug/l	94
15) Acrylonitrile	5.409	53	37891	104.452	ug/l	99
16) Acetone	4.156	43	30652	98.884	ug/l #	86
17) Carbon Disulfide	4.403	76	69729	15.219	ug/l	99
18) Methyl Acetate	4.714	43	19959	21.012	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	76246	20.266	ug/l	91
20) Methylene Chloride	4.956	84	47679	20.684	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	34155	18.593	ug/l	91
22) Diisopropyl ether	6.361	45	102715	20.363	ug/l #	96
23) Vinyl Acetate	6.297	43	252755m	95.345	ug/l	
24) 1,1-Dichloroethane	6.250	63	64285	19.331	ug/l	97
25) 2-Butanone	7.208	43	50060	104.319	ug/l	93
26) 2,2-Dichloropropane	7.197	77	58317	19.462	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	40795	19.761	ug/l	95
28) Bromochloromethane	7.532	49	19704	19.602	ug/l #	79
29) Tetrahydrofuran	7.555	42	30258	104.481	ug/l	94
30) Chloroform	7.703	83	70677	20.157	ug/l	99
31) Cyclohexane	7.985	56	48292	16.675	ug/l	91
32) 1,1,1-Trichloroethane	7.891	97	62425	19.213	ug/l	97
36) 1,1-Dichloropropene	8.103	75	48473	18.461	ug/l	96
37) Ethyl Acetate	7.291	43	22911	22.130	ug/l #	97
38) Carbon Tetrachloride	8.091	117	52347	18.558	ug/l	98
39) Methylcyclohexane	9.344	83	51388	17.021	ug/l	96
40) Benzene	8.344	78	140989	19.049	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13254	21.298	ug/l	93
42) 1,2-Dichloroethane	8.414	62	43918	20.130	ug/l	97
43) Isopropyl Acetate	8.450	43	41855	20.099	ug/l #	91
44) Trichloroethene	9.102	130	40695	18.965	ug/l	92
45) 1,2-Dichloropropane	9.379	63	36212	19.600	ug/l	94
46) Dibromomethane	9.467	93	20279	19.674	ug/l	93
47) Bromodichloromethane	9.649	83	54934	20.490	ug/l	93
48) Methyl methacrylate	9.450	41	18934	19.667	ug/l #	82
49) 1,4-Dioxane	9.450	88	4663	398.681	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	108471	104.260	ug/l	94
52) Toluene	10.391	92	92246	18.960	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	47114	19.378	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	56793	19.702	ug/l #	86
55) 1,1,2-Trichloroethane	10.785	97	29682	21.055	ug/l	98
56) Ethyl methacrylate	10.649	69	32112	19.940	ug/l	89
57) 1,3-Dichloropropane	10.938	76	48709	20.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	53417	109.578	ug/l	93
59) 2-Hexanone	10.973	43	73958	105.433	ug/l	97
60) Dibromochloromethane	11.126	129	38483	21.020	ug/l	99
61) 1,2-Dibromoethane	11.232	107	28004	20.365	ug/l	97
64) Tetrachloroethene	10.861	164	33109	18.020	ug/l	94
65) Chlorobenzene	11.655	112	102750	18.725	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	40926	19.838	ug/l	98
67) Ethyl Benzene	11.732	91	176296	18.772	ug/l	96
68) m/p-Xylenes	11.843	106	142737	38.160	ug/l	94
69) o-Xylene	12.167	106	63872	18.506	ug/l	96
70) Styrene	12.179	104	115016	19.437	ug/l	97
71) Bromoform	12.343	173	22311	19.886	ug/l #	98
73) Isopropylbenzene	12.467	105	169477	18.548	ug/l	97
74) N-amyl acetate	12.273	43	39623	19.935	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	33722	20.664	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	25820m	20.955	ug/l	
77) Bromobenzene	12.749	156	43033	19.879	ug/l	88
78) n-propylbenzene	12.802	91	211436	18.921	ug/l	97
79) 2-Chlorotoluene	12.890	91	125258	19.412	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	151685	19.323	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9225	19.253	ug/l	94
82) 4-Chlorotoluene	12.990	91	132395	19.395	ug/l	98
83) tert-Butylbenzene	13.208	119	125703	19.010	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	153292	20.065	ug/l	100
85) sec-Butylbenzene	13.385	105	193800	19.390	ug/l	99
86) p-Isopropyltoluene	13.496	119	160509	19.463	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	88015	20.100	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	86515	19.610	ug/l	98
89) n-Butylbenzene	13.826	91	147488	18.869	ug/l	97
90) Hexachloroethane	14.090	117	32731	19.563	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	76107	19.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5593	20.935	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	45227	19.463	ug/l	99
94) Hexachlorobutadiene	15.243	225	24984	19.158	ug/l	96
95) Naphthalene	15.379	128	81598	19.582	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	39445	19.464	ug/l	99

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

