

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074198.D
 Acq On : 23 Aug 2022 22:37
 Operator : VA/SY
 Sample : VD0823SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 24 06:22:16 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	7.967	168	142514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	239170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	228070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68501	47.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.080%		
35) Dibromofluoromethane	7.903	113	75484	47.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.360%		
50) Toluene-d8	10.332	98	229296	44.535	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.060%		
62) 4-Bromofluorobenzene	12.620	95	96552	47.468	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	29460	24.634	ug/l	95
3) Chloromethane	2.209	50	15730	18.461	ug/l	92
4) Vinyl Chloride	2.344	62	16874	18.864	ug/l	97
5) Bromomethane	2.756	94	10831	18.749	ug/l	91
6) Chloroethane	2.909	64	11975	20.629	ug/l	99
7) Trichlorofluoromethane	3.262	101	53667	20.652	ug/l	95
8) Diethyl Ether	3.709	74	14660	20.994	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	31582	20.086	ug/l	95
10) Methyl Iodide	4.297	142	30887	16.995	ug/l	99
11) Tert butyl alcohol	5.232	59	11496	126.768	ug/l #	86
12) 1,1-Dichloroethene	4.056	96	27361	19.458	ug/l	87
13) Acrolein	3.915	56	5757	147.610	ug/l	97
14) Allyl chloride	4.709	41	43986	19.981	ug/l	93
15) Acrylonitrile	5.420	53	36237	111.606	ug/l	99
16) Acetone	4.150	43	28516	102.780	ug/l	98
17) Carbon Disulfide	4.397	76	66500	16.084	ug/l	100
18) Methyl Acetate	4.721	43	18033	21.224	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	71439	21.215	ug/l	96
20) Methylene Chloride	4.962	84	55776	29.035	ug/l #	79
21) trans-1,2-Dichloroethene	5.456	96	32839	19.972	ug/l #	75
22) Diisopropyl ether	6.367	45	99980	22.145	ug/l #	87
23) Vinyl Acetate	6.303	43	240854m	100.858	ug/l	
24) 1,1-Dichloroethane	6.256	63	62100	20.863	ug/l	99
25) 2-Butanone	7.215	43	48418	112.728	ug/l	98
26) 2,2-Dichloropropane	7.197	77	53982	20.128	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	38195	20.671	ug/l	93
28) Bromochloromethane	7.538	49	19025	21.146	ug/l #	70
29) Tetrahydrofuran	7.562	42	27969	107.902	ug/l	92
30) Chloroform	7.703	83	69719	22.216	ug/l	95
31) Cyclohexane	7.979	56	47039	18.147	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	62359	21.443	ug/l	95
36) 1,1-Dichloropropene	8.103	75	45447	18.796	ug/l	94
37) Ethyl Acetate	7.291	43	21923	22.996	ug/l	96
38) Carbon Tetrachloride	8.085	117	50459	19.427	ug/l	95
39) Methylcyclohexane	9.344	83	48241	17.309	ug/l	95
40) Benzene	8.344	78	134226	19.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	12944	22.587	ug/l	93
42) 1,2-Dichloroethane	8.414	62	41852	20.832	ug/l	96
43) Isopropyl Acetate	8.444	43	40599	21.171	ug/l #	93
44) Trichloroethene	9.103	130	37406	18.930	ug/l	99
45) 1,2-Dichloropropane	9.379	63	35291	20.743	ug/l	95
46) Dibromomethane	9.467	93	20384	21.475	ug/l	96
47) Bromodichloromethane	9.650	83	53085	21.502	ug/l	96
48) Methyl methacrylate	9.450	41	17642	19.900	ug/l #	78
49) 1,4-Dioxane	9.450	88	4707	437.030	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	106340	110.996	ug/l	95
52) Toluene	10.397	92	89400	19.954	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	46612	20.820	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	53381	20.109	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	28247	21.759	ug/l	95
56) Ethyl methacrylate	10.650	69	31786	21.434	ug/l	87
57) 1,3-Dichloropropane	10.932	76	46718	21.536	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	51694	115.157	ug/l	96
59) 2-Hexanone	10.973	43	71172	110.181	ug/l	97
60) Dibromochloromethane	11.126	129	36782	21.818	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26890	21.236	ug/l	97
64) Tetrachloroethene	10.861	164	33091	19.883	ug/l	93
65) Chlorobenzene	11.655	112	99815	20.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	38110	20.394	ug/l	99
67) Ethyl Benzene	11.732	91	169673	19.945	ug/l	98
68) m/p-Xylenes	11.838	106	136838	40.386	ug/l	96
69) o-Xylene	12.167	106	62039	19.844	ug/l	93
70) Styrene	12.179	104	110313	20.580	ug/l	97
71) Bromoform	12.350	173	21191	20.851	ug/l #	96
73) Isopropylbenzene	12.467	105	164180	19.920	ug/l	97
74) N-amyl acetate	12.273	43	38027	21.210	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	32617	22.158	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	24976m	22.472	ug/l	
77) Bromobenzene	12.749	156	40394	20.687	ug/l	90
78) n-propylbenzene	12.802	91	205811	20.418	ug/l	98
79) 2-Chlorotoluene	12.891	91	120836	20.760	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	147703	20.860	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8698	20.125	ug/l	87
82) 4-Chlorotoluene	12.991	91	129953	21.105	ug/l	98
83) tert-Butylbenzene	13.208	119	121381	20.351	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	147455	21.398	ug/l	98
85) sec-Butylbenzene	13.385	105	187972	20.849	ug/l	99
86) p-Isopropyltoluene	13.497	119	155895	20.956	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	85423	21.627	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	82250	20.668	ug/l	99
89) n-Butylbenzene	13.826	91	144363	20.475	ug/l	99
90) Hexachloroethane	14.091	117	30960	20.514	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	72737	21.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5512	22.873	ug/l	89
93) 1,2,4-Trichlorobenzene	15.138	180	40832	19.480	ug/l	99
94) Hexachlorobutadiene	15.243	225	24406	20.748	ug/l	95
95) Naphthalene	15.373	128	75874	20.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	35269	19.293	ug/l	98

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

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