

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074031.D
 Acq On : 10 Aug 2022 18:02
 Operator : VA/SY
 Sample : VD0810SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0810SBS01

Quant Time: Aug 10 20:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	127493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	214121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	203233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	101137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57267	58.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.340%			
35) Dibromofluoromethane	7.909	113	66674	46.882	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.760%			
50) Toluene-d8	10.326	98	181540	48.642	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.620	95	85507	48.892	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	32642	27.084	ug/l	99
3) Chloromethane	2.209	50	46941	24.855	ug/l	100
4) Vinyl Chloride	2.344	62	63384	23.358	ug/l	98
5) Bromomethane	2.750	94	37841	20.241	ug/l	96
6) Chloroethane	2.909	64	42538	21.906	ug/l	95
7) Trichlorofluoromethane	3.262	101	57378	22.213	ug/l	98
8) Diethyl Ether	3.703	74	12437	20.950	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.079	101	32940	22.290	ug/l	95
10) Methyl Iodide	4.291	142	29488	19.429	ug/l	96
11) Tert butyl alcohol	5.226	59	11532	180.355	ug/l #	91
12) 1,1-Dichloroethene	4.056	96	26611	20.874	ug/l	94
13) Acrolein	3.921	56	10190	102.439	ug/l	94
14) Allyl chloride	4.697	41	34392	20.988	ug/l	100
15) Acrylonitrile	5.409	53	27280	110.758	ug/l	96
16) Acetone	4.150	43	23660	115.982	ug/l	96
17) Carbon Disulfide	4.403	76	87062	21.061	ug/l	97
18) Methyl Acetate	4.721	43	15365	25.196	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	62019	21.826	ug/l	97
20) Methylene Chloride	4.950	84	43636	30.979	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	32829	21.446	ug/l	96
22) Diisopropyl ether	6.362	45	75829	21.516	ug/l	99
23) Vinyl Acetate	6.297	43	171144	18.442	ug/l	99
24) 1,1-Dichloroethane	6.250	63	53495	21.185	ug/l	98
25) 2-Butanone	7.209	43	37729	118.266	ug/l	94
26) 2,2-Dichloropropane	7.197	77	52848	21.895	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	34008	20.788	ug/l	97
28) Bromochloromethane	7.538	49	20996	21.545	ug/l	96
29) Tetrahydrofuran	7.556	42	22492	114.521	ug/l	98
30) Chloroform	7.697	83	61569	21.510	ug/l	98
31) Cyclohexane	7.973	56	46084	20.596	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	57623	21.163	ug/l	98
36) 1,1-Dichloropropene	8.103	75	44503	20.563	ug/l	96
37) Ethyl Acetate	7.285	43	16903	21.945	ug/l #	94
38) Carbon Tetrachloride	8.085	117	50138	20.549	ug/l	91
39) Methylcyclohexane	9.344	83	49297	20.080	ug/l	94
40) Benzene	8.344	78	122642	20.904	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	7357	17.479	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	38676	21.386	ug/l	98
43) Isopropyl Acetate	8.444	43	32442	22.035	ug/l	97
44) Trichloroethene	9.103	130	35250	20.423	ug/l	92
45) 1,2-Dichloropropane	9.379	63	29677	21.018	ug/l	98
46) Dibromomethane	9.467	93	18995	20.892	ug/l	98
47) Bromodichloromethane	9.650	83	48438	21.416	ug/l	97
48) Methyl methacrylate	9.444	41	15051	21.428	ug/l	88
49) 1,4-Dioxane	9.461	88	4295	483.335	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	83845	110.939	ug/l	98
52) Toluene	10.391	92	77795	19.865	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	40378	20.708	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	46822	20.777	ug/l	94
55) 1,1,2-Trichloroethane	10.785	97	24632	21.315	ug/l	95
56) Ethyl methacrylate	10.650	69	24722	20.376	ug/l	98
57) 1,3-Dichloropropane	10.938	76	39319	21.121	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	52215	103.143	ug/l	98
59) 2-Hexanone	10.973	43	56996	112.486	ug/l	93
60) Dibromochloromethane	11.126	129	32748	20.923	ug/l	99
61) 1,2-Dibromoethane	11.232	107	25187	21.580	ug/l	98
64) Tetrachloroethene	10.861	164	28931	19.003	ug/l	100
65) Chlorobenzene	11.661	112	86130	19.862	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	33339	20.230	ug/l	98
67) Ethyl Benzene	11.732	91	146441	19.385	ug/l	99
68) m/p-Xylenes	11.844	106	118052	39.120	ug/l	99
69) o-Xylene	12.173	106	52677	19.059	ug/l	96
70) Styrene	12.185	104	92768	19.822	ug/l	98
71) Bromoform	12.344	173	18310	20.188	ug/l #	97
73) Isopropylbenzene	12.467	105	140657	20.003	ug/l	99
74) N-amyl acetate	12.273	43	28533	21.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	28149	22.054	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	18700m	20.251	ug/l	
77) Bromobenzene	12.749	156	35189	20.954	ug/l	98
78) n-propylbenzene	12.808	91	180927	20.778	ug/l	98
79) 2-Chlorotoluene	12.891	91	99194	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	121814	20.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	7698	22.250	ug/l	94
82) 4-Chlorotoluene	12.991	91	110784	21.540	ug/l	97
83) tert-Butylbenzene	13.208	119	102625	20.237	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	124277	20.709	ug/l	98
85) sec-Butylbenzene	13.385	105	159565	20.419	ug/l	98
86) p-Isopropyltoluene	13.497	119	131491	20.099	ug/l	98
87) 1,3-Dichlorobenzene	13.497	146	72030	20.432	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	73217	20.650	ug/l	97
89) n-Butylbenzene	13.826	91	124589	20.334	ug/l	99
90) Hexachloroethane	14.091	117	27649	21.369	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	61868	20.436	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5286	25.486	ug/l	89
93) 1,2,4-Trichlorobenzene	15.138	180	36825	20.777	ug/l	98
94) Hexachlorobutadiene	15.249	225	19469	19.198	ug/l	91
95) Naphthalene	15.379	128	63500	20.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	32049	20.561	ug/l	99

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

