

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074333.D
 Acq On : 16 Sep 2022 16:47
 Operator : VA/SY
 Sample : VD0916SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBS01

Quant Time: Sep 17 04:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	169882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	73303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50178	51.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.805	113	51864	46.355	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.700%			
50) Toluene-d8	10.269	98	217455	56.327	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.660%			
62) 4-Bromofluorobenzene	12.563	95	64227	48.972	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19662	21.166	ug/l	96
3) Chloromethane	2.140	50	19073	21.590	ug/l	98
4) Vinyl Chloride	2.275	62	18042	20.809	ug/l	96
5) Bromomethane	2.669	94	11344	21.164	ug/l	94
6) Chloroethane	2.828	64	10791	21.184	ug/l	96
7) Trichlorofluoromethane	3.164	101	35277	20.880	ug/l	93
8) Diethyl Ether	3.593	74	10851	20.148	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	21981	20.691	ug/l	98
10) Methyl Iodide	4.158	142	23683	18.047	ug/l	96
11) Tert butyl alcohol	5.063	59	6814	102.653	ug/l #	74
12) 1,1-Dichloroethene	3.934	96	22015	20.358	ug/l	93
13) Acrolein	3.799	56	7935	110.846	ug/l	98
14) Allyl chloride	4.558	41	32485	20.757	ug/l	99
15) Acrylonitrile	5.252	53	24710	104.092	ug/l	98
16) Acetone	4.022	43	21142	95.541	ug/l	93
17) Carbon Disulfide	4.264	76	73836	20.969	ug/l	97
18) Methyl Acetate	4.564	43	12835	20.401	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	46985	20.289	ug/l	100
20) Methylene Chloride	4.805	84	33984	19.162	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	23972	20.021	ug/l	96
22) Diisopropyl ether	6.216	45	67750	20.553	ug/l	98
23) Vinyl Acetate	6.158	43	152258m	100.011	ug/l	
24) 1,1-Dichloroethane	6.105	63	43229	20.375	ug/l	97
25) 2-Butanone	7.075	43	32745	99.349	ug/l	100
26) 2,2-Dichloropropane	7.069	77	33982	19.402	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	26318	19.839	ug/l	98
28) Bromochloromethane	7.422	49	16464	20.096	ug/l	99
29) Tetrahydrofuran	7.440	42	18928	100.208	ug/l	97
30) Chloroform	7.593	83	42397	20.322	ug/l	95
31) Cyclohexane	7.875	56	41718	20.251	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	37848	20.565	ug/l	98
36) 1,1-Dichloropropene	8.004	75	34687	20.310	ug/l	100
37) Ethyl Acetate	7.169	43	13691	20.009	ug/l #	96
38) Carbon Tetrachloride	7.993	117	30553	20.187	ug/l	99
39) Methylcyclohexane	9.269	83	43178	20.901	ug/l	98
40) Benzene	8.252	78	98059	20.477	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7748	20.862	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	24978	20.423	ug/l	98
43) Isopropyl Acetate	8.363	43	26205	20.759	ug/l	98
44) Trichloroethene	9.028	130	26163	20.780	ug/l	96
45) 1,2-Dichloropropane	9.304	63	24298	20.175	ug/l	100
46) Dibromomethane	9.393	93	12979	20.951	ug/l	97
47) Bromodichloromethane	9.581	83	31414	20.588	ug/l	100
48) Methyl methacrylate	9.381	41	12683	20.762	ug/l	97
49) 1,4-Dioxane	9.381	88	2817	415.515	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	68232	102.878	ug/l	99
52) Toluene	10.334	92	61319	20.788	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	28004	20.571	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	35560	20.190	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	17174	21.046	ug/l	97
56) Ethyl methacrylate	10.598	69	21533	20.144	ug/l	99
57) 1,3-Dichloropropane	10.875	76	30244	20.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	22663	95.017	ug/l	97
59) 2-Hexanone	10.916	43	45699	98.508	ug/l	97
60) Dibromochloromethane	11.075	129	20587	21.067	ug/l	99
61) 1,2-Dibromoethane	11.175	107	16231	20.711	ug/l	97
64) Tetrachloroethene	10.804	164	21130	20.146	ug/l	87
65) Chlorobenzene	11.604	112	64438	20.215	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	21985	20.084	ug/l	98
67) Ethyl Benzene	11.681	91	118596	20.280	ug/l	97
68) m/p-Xylenes	11.787	106	91186	40.706	ug/l	99
69) o-Xylene	12.116	106	42436	20.729	ug/l	99
70) Styrene	12.128	104	70631	20.258	ug/l	98
71) Bromoform	12.293	173	12182	20.739	ug/l #	99
73) Isopropylbenzene	12.416	105	112223	19.905	ug/l	100
74) N-amyl acetate	12.228	43	24828	19.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	20533	20.961	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	13632m	20.100	ug/l	
77) Bromobenzene	12.692	156	25258	20.502	ug/l	96
78) n-propylbenzene	12.757	91	140069	20.028	ug/l	98
79) 2-Chlorotoluene	12.840	91	75815	20.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	94095	20.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	4905	18.126	ug/l #	100
82) 4-Chlorotoluene	12.940	91	78422	20.504	ug/l	99
83) tert-Butylbenzene	13.157	119	82473	20.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.204	105	92233	20.336	ug/l	99
85) sec-Butylbenzene	13.334	105	121533	20.034	ug/l	99
86) p-Isopropyltoluene	13.451	119	103292	20.374	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	51188	20.213	ug/l	99
88) 1,4-Dichlorobenzene	13.528	146	49958	20.185	ug/l	97
89) n-Butylbenzene	13.781	91	102036	20.549	ug/l	98
90) Hexachloroethane	14.045	117	19391	20.265	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	44290	20.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	2789	19.154	ug/l	96
93) 1,2,4-Trichlorobenzene	15.086	180	28793	19.990	ug/l	99
94) Hexachlorobutadiene	15.192	225	16366	20.000	ug/l	97
95) Naphthalene	15.322	128	51372	19.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	25041	20.228	ug/l	99

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

