

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074061.D
 Acq On : 12 Aug 2022 14:17
 Operator : VA/SY
 Sample : VD0812SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Quant Time: Aug 13 01:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 01:47:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	151707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	240465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	236105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	123901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57539	47.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.903	113	69703	43.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.280%		
50) Toluene-d8	10.326	98	198091	47.080	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.620	95	90354	46.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	32634	21.923	ug/l	99
3) Chloromethane	2.209	50	45814	19.445	ug/l	98
4) Vinyl Chloride	2.344	62	60623	18.775	ug/l	97
5) Bromomethane	2.750	94	43603	19.601	ug/l	87
6) Chloroethane	2.909	64	46530	20.137	ug/l	98
7) Trichlorofluoromethane	3.262	101	60754	19.766	ug/l	94
8) Diethyl Ether	3.709	74	13201	18.688	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	33996	19.333	ug/l	97
10) Methyl Iodide	4.285	142	29570	16.373	ug/l	97
11) Tert butyl alcohol	5.209	59	10335m	137.654	ug/l	
12) 1,1-Dichloroethene	4.050	96	29275	19.298	ug/l	94
13) Acrolein	3.915	56	9341	78.916	ug/l	95
14) Allyl chloride	4.703	41	36886	18.917	ug/l	99
15) Acrylonitrile	5.403	53	28538	97.372	ug/l	98
16) Acetone	4.162	43	27200	112.053	ug/l #	89
17) Carbon Disulfide	4.397	76	92991	18.905	ug/l	100
18) Methyl Acetate	4.709	43	14181	18.865	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	64038	18.939	ug/l	99
20) Methylene Chloride	4.956	84	41347	24.022	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	34139	18.742	ug/l	92
22) Diisopropyl ether	6.356	45	79385	18.930	ug/l	97
23) Vinyl Acetate	6.297	43	205147	92.887	ug/l	99
24) 1,1-Dichloroethane	6.256	63	56917	18.942	ug/l	98
25) 2-Butanone	7.203	43	38240	100.736	ug/l	96
26) 2,2-Dichloropropane	7.197	77	55380	19.282	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	34866	17.910	ug/l	94
28) Bromochloromethane	7.538	49	21133	18.225	ug/l	97
29) Tetrahydrofuran	7.556	42	22038	94.300	ug/l	97
30) Chloroform	7.697	83	65791	19.316	ug/l	92
31) Cyclohexane	7.979	56	49200	18.479	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	62375	19.252	ug/l	99
36) 1,1-Dichloropropene	8.103	75	47533	19.557	ug/l	99
37) Ethyl Acetate	7.279	43	17486	20.215	ug/l	97
38) Carbon Tetrachloride	8.091	117	53616	19.568	ug/l	96
39) Methylcyclohexane	9.344	83	51645	18.732	ug/l	96
40) Benzene	8.338	78	127913	19.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	10050	21.261	ug/l	90
42) 1,2-Dichloroethane	8.408	62	39828	19.610	ug/l	99
43) Isopropyl Acetate	8.444	43	32670	19.759	ug/l	95
44) Trichloroethene	9.102	130	35248	18.184	ug/l	92
45) 1,2-Dichloropropane	9.373	63	31036	19.572	ug/l	96
46) Dibromomethane	9.461	93	20230	19.813	ug/l	95
47) Bromodichloromethane	9.650	83	50707	19.963	ug/l	95
48) Methyl methacrylate	9.444	41	14974	18.983	ug/l	93
49) 1,4-Dioxane	9.455	88	3211	321.760	ug/l #	83
51) 4-Methyl-2-Pentanone	10.214	43	84413	99.454	ug/l	99
52) Toluene	10.391	92	88299	20.077	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	41825	19.100	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	51300	20.270	ug/l	95
55) 1,1,2-Trichloroethane	10.785	97	25314	19.506	ug/l	95
56) Ethyl methacrylate	10.649	69	25325	18.587	ug/l	94
57) 1,3-Dichloropropane	10.932	76	42875	20.508	ug/l #	71
58) 2-Chloroethyl Vinyl ether	9.932	63	55190	97.076	ug/l	98
59) 2-Hexanone	10.973	43	61101	107.377	ug/l	96
60) Dibromochloromethane	11.126	129	34197	19.455	ug/l	100
61) 1,2-Dibromoethane	11.232	107	25360	19.348	ug/l	97
64) Tetrachloroethene	10.861	164	32413	18.326	ug/l	96
65) Chlorobenzene	11.655	112	94086	18.676	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	36486	19.057	ug/l	98
67) Ethyl Benzene	11.732	91	168117	19.156	ug/l	99
68) m/p-Xylenes	11.844	106	132058	37.668	ug/l	99
69) o-Xylene	12.167	106	63839	19.882	ug/l #	15
70) Styrene	12.179	104	107780	19.823	ug/l	97
71) Bromoform	12.343	173	20522	19.477	ug/l #	100
73) Isopropylbenzene	12.467	105	165873	19.255	ug/l	100
74) N-amyl acetate	12.273	43	30185	18.347	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	31429	20.100	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	20645m	18.250	ug/l	
77) Bromobenzene	12.743	156	39782	19.337	ug/l	81
78) n-propylbenzene	12.732	91	75318	7.061	ug/l	82
79) 2-Chlorotoluene	12.891	91	111514	18.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	151202	20.674	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.514	75	7945	18.745	ug/l	90
82) 4-Chlorotoluene	12.991	91	149767	23.769	ug/l	88
83) tert-Butylbenzene	13.208	119	125860	20.259	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	140358	19.092	ug/l	99
85) sec-Butylbenzene	13.385	105	178188	18.613	ug/l	99
86) p-Isopropyltoluene	13.496	119	147075	18.351	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	82223	19.039	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	153027	35.230	ug/l	99
89) n-Butylbenzene	13.820	91	139940	18.644	ug/l	100
90) Hexachloroethane	14.090	117	29863	18.839	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	68037	18.344	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5387	20.892	ug/l	91
93) 1,2,4-Trichlorobenzene	15.137	180	40925	18.848	ug/l	96
94) Hexachlorobutadiene	15.243	225	23821	19.173	ug/l	98
95) Naphthalene	15.379	128	76557	20.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	37081	19.419	ug/l	98

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

