

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072825.D
 Acq On : 05 May 2022 23:52
 Operator : VA/SY
 Sample : VD0505SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBS02

Quant Time: May 06 03:53:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/06/2022
 Supervised By :Semsettin Yesilyurt 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	314326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	565197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	535625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	222999	54.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.300%			
35) Dibromofluoromethane	7.908	113	199843	50.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.700%			
50) Toluene-d8	10.332	98	697353	48.976	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.960%			
62) 4-Bromofluorobenzene	12.620	95	267436	50.372	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	85587	19.704	ug/l	99
3) Chloromethane	2.208	50	100831	22.322	ug/l	100
4) Vinyl Chloride	2.344	62	92127	22.729	ug/l	98
5) Bromomethane	2.750	94	62809	24.401	ug/l	91
6) Chloroethane	2.908	64	57044	22.581	ug/l	98
7) Trichlorofluoromethane	3.267	101	153600	21.641	ug/l	95
8) Diethyl Ether	3.708	74	45378	22.300	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	85287	20.240	ug/l	99
10) Methyl Iodide	4.291	142	74720	17.669	ug/l	99
11) Tert butyl alcohol	5.197	59	47869	135.598	ug/l #	82
12) 1,1-Dichloroethene	4.067	96	80172	21.153	ug/l	91
13) Acrolein	3.920	56	31536	119.913	ug/l	100
14) Allyl chloride	4.708	41	141068	23.053	ug/l	98
15) Acrylonitrile	5.420	53	104947	108.523	ug/l	98
16) Acetone	4.149	43	83113	100.492	ug/l	90
17) Carbon Disulfide	4.402	76	237179	19.902	ug/l	97
18) Methyl Acetate	4.720	43	55316	24.790	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	210943	23.216	ug/l	94
20) Methylene Chloride	4.949	84	128350	22.887	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	95143	21.888	ug/l	97
22) Diisopropyl ether	6.355	45	308647	22.929	ug/l	97
23) Vinyl Acetate	6.296	43	845589	113.715	ug/l	99
24) 1,1-Dichloroethane	6.255	63	182367	22.550	ug/l	96
25) 2-Butanone	7.208	43	130727	109.962	ug/l	91
26) 2,2-Dichloropropane	7.208	77	138404	20.243	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	107498	21.592	ug/l	98
28) Bromochloromethane	7.543	49	62871	20.847	ug/l	92
29) Tetrahydrofuran	7.561	42	86330	113.926	ug/l	96
30) Chloroform	7.702	83	189778	22.177	ug/l	91
31) Cyclohexane	7.979	56	146321	20.515	ug/l	95
32) 1,1,1-Trichloroethane	7.896	97	161875	22.195	ug/l	99
36) 1,1-Dichloropropene	8.108	75	132811	20.577	ug/l	98
37) Ethyl Acetate	7.291	43	65898	22.209	ug/l	97
38) Carbon Tetrachloride	8.090	117	140859	21.024	ug/l	98
39) Methylcyclohexane	9.349	83	140683	18.791	ug/l	97
40) Benzene	8.343	78	390931	20.973	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31016	17.556	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	123989	22.074	ug/l	99
43) Isopropyl Acetate	8.449	43	122204	22.314	ug/l	97
44) Trichloroethene	9.108	130	99750	20.003	ug/l	93
45) 1,2-Dichloropropane	9.379	63	101118	20.657	ug/l	99
46) Dibromomethane	9.467	93	54264	20.096	ug/l	97
47) Bromodichloromethane	9.655	83	147240	21.197	ug/l	99
48) Methyl methacrylate	9.449	41	55822	20.836	ug/l #	81
49) 1,4-Dioxane	9.449	88	12115	398.433	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	308155	108.286	ug/l	97
52) Toluene	10.396	92	238481	20.511	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	129924	20.363	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	150779	20.341	ug/l	95
55) 1,1,2-Trichloroethane	10.790	97	74488	20.406	ug/l	96
56) Ethyl methacrylate	10.649	69	89238	20.763	ug/l	93
57) 1,3-Dichloropropane	10.932	76	126772	20.238	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	206234	98.971	ug/l	97
59) 2-Hexanone	10.973	43	206677	107.933	ug/l	100
60) Dibromochloromethane	11.131	129	91614	19.937	ug/l	97
61) 1,2-Dibromoethane	11.237	107	68190	19.192	ug/l	93
64) Tetrachloroethene	10.867	164	78266	19.986	ug/l	94
65) Chlorobenzene	11.661	112	255222	20.601	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	96350	20.694	ug/l	98
67) Ethyl Benzene	11.731	91	460265	21.467	ug/l	98
68) m/p-Xylenes	11.843	106	349584	42.329	ug/l	98
69) o-Xylene	12.173	106	160014	20.746	ug/l	98
70) Styrene	12.184	104	282579	21.145	ug/l	99
71) Bromoform	12.349	173	51383	20.363	ug/l #	94
73) Isopropylbenzene	12.467	105	433657	22.532	ug/l	98
74) N-amyl acetate	12.278	43	112010	23.370	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	82198	21.158	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	62311m	22.590	ug/l	
77) Bromobenzene	12.749	156	97518	21.338	ug/l	99
78) n-propylbenzene	12.808	91	543477	22.405	ug/l	98
79) 2-Chlorotoluene	12.896	91	316541	22.340	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	370759	22.719	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	25269	21.067	ug/l	94
82) 4-Chlorotoluene	12.990	91	329616	22.264	ug/l	98
83) tert-Butylbenzene	13.208	119	298298	21.500	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	365207	22.389	ug/l	99
85) sec-Butylbenzene	13.390	105	452140	21.607	ug/l	99
86) p-Isopropyltoluene	13.502	119	375773	21.902	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	195382	21.222	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	192945	21.045	ug/l	99
89) n-Butylbenzene	13.825	91	354715	21.343	ug/l	99
90) Hexachloroethane	14.096	117	75598	21.509	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	168371	20.984	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	12887	20.925	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	93545	19.686	ug/l	98
94) Hexachlorobutadiene	15.249	225	51027	19.662	ug/l	98
95) Naphthalene	15.378	128	178769	20.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	84544	20.071	ug/l	98

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

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