

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072826.D
 Acq On : 06 May 2022 00:20
 Operator : VA/SY
 Sample : VD0505SBS03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBS03

Quant Time: May 06 03:54:07 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	291280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	529409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	495642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	225329	59.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.180%			
35) Dibromofluoromethane	7.909	113	202402	54.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.880%			
50) Toluene-d8	10.332	98	696403	52.215	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.620	95	268925	54.076	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	81992	20.370	ug/l	97
3) Chloromethane	2.209	50	95305	22.768	ug/l	97
4) Vinyl Chloride	2.344	62	87014	23.166	ug/l	96
5) Bromomethane	2.750	94	58841	24.686	ug/l	89
6) Chloroethane	2.915	64	55612	23.756	ug/l	96
7) Trichlorofluoromethane	3.268	101	141979	21.586	ug/l	96
8) Diethyl Ether	3.709	74	40756	21.614	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	80606	20.642	ug/l	99
10) Methyl Iodide	4.291	142	74798	19.087	ug/l #	95
11) Tert butyl alcohol	5.209	59	23190m	70.887	ug/l	
12) 1,1-Dichloroethene	4.062	96	73793	21.010	ug/l	98
13) Acrolein	3.926	56	31391	130.150	ug/l	97
14) Allyl chloride	4.703	41	136403	24.055	ug/l	96
15) Acrylonitrile	5.415	53	101661	113.442	ug/l	100
16) Acetone	4.156	43	85788	113.614	ug/l	97
17) Carbon Disulfide	4.403	76	223608	20.247	ug/l	100
18) Methyl Acetate	4.715	43	53927	26.093	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	202997	24.109	ug/l	94
20) Methylene Chloride	4.956	84	127887	25.150	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	89172	22.137	ug/l	99
22) Diisopropyl ether	6.362	45	300651	24.102	ug/l	96
23) Vinyl Acetate	6.303	43	818873	118.835	ug/l	98
24) 1,1-Dichloroethane	6.262	63	175011	23.352	ug/l	98
25) 2-Butanone	7.209	43	130439	118.401	ug/l	95
26) 2,2-Dichloropropane	7.203	77	132055	20.843	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	100381	21.758	ug/l	97
28) Bromochloromethane	7.538	49	61970	22.174	ug/l	94
29) Tetrahydrofuran	7.556	42	82281	117.174	ug/l	96
30) Chloroform	7.703	83	180924	22.815	ug/l	98
31) Cyclohexane	7.979	56	138699	20.985	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	153170	22.663	ug/l	99
36) 1,1-Dichloropropene	8.108	75	126544	20.931	ug/l	99
37) Ethyl Acetate	7.285	43	61552	22.147	ug/l #	96
38) Carbon Tetrachloride	8.091	117	130181	20.743	ug/l	99
39) Methylcyclohexane	9.350	83	132390	18.879	ug/l	96
40) Benzene	8.344	78	372536	21.338	ug/l	99

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41) Methacrylonitrile	7.514	41	30815	18.621	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	123058	23.390	ug/l	100
43) Isopropyl Acetate	8.444	43	117730	22.951	ug/l	96
44) Trichloroethene	9.108	130	95260	20.394	ug/l	95
45) 1,2-Dichloropropane	9.379	63	95642	20.859	ug/l	98
46) Dibromomethane	9.467	93	53872	21.300	ug/l	98
47) Bromodichloromethane	9.655	83	139186	21.392	ug/l	96
48) Methyl methacrylate	9.450	41	53479	21.311	ug/l #	84
49) 1,4-Dioxane	9.455	88	12074	423.928	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	300706	112.812	ug/l	97
52) Toluene	10.397	92	236452	21.711	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	124624	20.853	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	149232	21.493	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	71773	20.992	ug/l	96
56) Ethyl methacrylate	10.655	69	86765	21.553	ug/l	93
57) 1,3-Dichloropropane	10.938	76	123769	21.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	204214	104.627	ug/l	99
59) 2-Hexanone	10.973	43	199905	111.454	ug/l	99
60) Dibromochloromethane	11.132	129	90256	20.969	ug/l	95
61) 1,2-Dibromoethane	11.238	107	68448	20.567	ug/l	99
64) Tetrachloroethene	10.867	164	75050	20.711	ug/l	97
65) Chlorobenzene	11.661	112	242356	21.141	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	92832	21.547	ug/l	98
67) Ethyl Benzene	11.732	91	430762	21.712	ug/l	99
68) m/p-Xylenes	11.844	106	331526	43.381	ug/l	97
69) o-Xylene	12.167	106	153514	21.508	ug/l	100
70) Styrene	12.185	104	276477	22.357	ug/l	97
71) Bromoform	12.349	173	47873	20.503	ug/l #	97
73) Isopropylbenzene	12.467	105	413854	23.195	ug/l	98
74) N-amyl acetate	12.279	43	108266	24.366	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	80500	22.350	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	45527m	17.804	ug/l	
77) Bromobenzene	12.749	156	95231	22.476	ug/l	100
78) n-propylbenzene	12.808	91	512808	22.804	ug/l	99
79) 2-Chlorotoluene	12.896	91	298162	22.698	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	353760	23.382	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	24523	22.053	ug/l	98
82) 4-Chlorotoluene	12.991	91	316041	23.026	ug/l	99
83) tert-Butylbenzene	13.208	119	292511	22.741	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	351035	23.212	ug/l	98
85) sec-Butylbenzene	13.385	105	431418	22.238	ug/l	100
86) p-Isopropyltoluene	13.502	119	349519	21.974	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	186137	21.808	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	183141	21.546	ug/l	98
89) n-Butylbenzene	13.826	91	338524	21.971	ug/l	99
90) Hexachloroethane	14.096	117	71120	21.826	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	163955	22.041	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13360	23.400	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	92487	20.994	ug/l	98
94) Hexachlorobutadiene	15.249	225	48564	20.185	ug/l	99
95) Naphthalene	15.379	128	173800	21.458	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	81624	20.901	ug/l	99

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

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