

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072026.D
 Acq On : 21 Feb 2022 10:55
 Operator : VA/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2022
 Supervised By : Mahesh Dadoda 02/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	496232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	802134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	717205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247968	48.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.340%		
35) Dibromofluoromethane	7.914	113	246316	50.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.360%		
50) Toluene-d8	10.338	98	976148	54.163	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.320%		
62) 4-Bromofluorobenzene	12.626	95	335855	50.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91145	19.481	ug/l	98
3) Chloromethane	2.215	50	79183	18.868	ug/l	99
4) Vinyl Chloride	2.350	62	76200	18.041	ug/l	94
5) Bromomethane	2.762	94	56553	20.107	ug/l	88
6) Chloroethane	2.921	64	48162	18.040	ug/l	92
7) Trichlorofluoromethane	3.273	101	156669	19.172	ug/l	99
8) Diethyl Ether	3.715	74	42299	18.158	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	98993	19.390	ug/l	99
10) Methyl Iodide	4.309	142	72989	15.125	ug/l	98
11) Tert butyl alcohol	5.215	59	25625	87.251	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	83802	18.480	ug/l	93
13) Acrolein	3.920	56	49491	85.456	ug/l	99
14) Allyl chloride	4.720	41	143194	18.018	ug/l	98
15) Acrylonitrile	5.420	53	110653	87.887	ug/l	100
16) Acetone	4.156	43	98810	88.823	ug/l #	88
17) Carbon Disulfide	4.415	76	192856	15.738	ug/l #	94
18) Methyl Acetate	4.720	43	58421	19.982	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	206738	18.740	ug/l	97
20) Methylene Chloride	4.967	84	94995	17.158	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	90795	17.819	ug/l	91
22) Diisopropyl ether	6.362	45	312899	18.855	ug/l	99
23) Vinyl Acetate	6.309	43	756362	85.346	ug/l	100
24) 1,1-Dichloroethane	6.267	63	182480	18.483	ug/l	97
25) 2-Butanone	7.214	43	137234	89.256	ug/l	97
26) 2,2-Dichloropropane	7.209	77	147820	18.711	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	109449	18.748	ug/l	98
28) Bromochloromethane	7.544	49	76594	18.199	ug/l	100
29) Tetrahydrofuran	7.567	42	83786	85.386	ug/l	99
30) Chloroform	7.703	83	190690	18.812	ug/l	97
31) Cyclohexane	7.985	56	157419	17.314	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	164835	18.896	ug/l	99
36) 1,1-Dichloropropene	8.114	75	137715	18.707	ug/l	99
37) Ethyl Acetate	7.291	43	60165	17.624	ug/l	97
38) Carbon Tetrachloride	8.097	117	143306	18.993	ug/l	98
39) Methylcyclohexane	9.350	83	150653	17.485	ug/l	95
40) Benzene	8.350	78	383969	18.484	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	34042	16.081	ug/l	95
42) 1,2-Dichloroethane	8.426	62	115477	18.532	ug/l	98
43) Isopropyl Acetate	8.450	43	113660	17.880	ug/l	99
44) Trichloroethene	9.108	130	107584	19.002	ug/l	94
45) 1,2-Dichloropropane	9.385	63	98908	17.850	ug/l	91
46) Dibromomethane	9.467	93	52141	17.831	ug/l	99
47) Bromodichloromethane	9.661	83	144470	19.152	ug/l	100
48) Methyl methacrylate	9.455	41	56690	17.654	ug/l	95
49) 1,4-Dioxane	9.455	88	12515	360.774	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	299656	88.945	ug/l	100
52) Toluene	10.402	92	252069	18.962	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	127277	18.449	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	151981	18.614	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	76081	18.488	ug/l	95
56) Ethyl methacrylate	10.655	69	89974	18.309	ug/l	97
57) 1,3-Dichloropropane	10.944	76	131052	18.426	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	215783	98.151	ug/l	99
59) 2-Hexanone	10.979	43	205468	89.413	ug/l	98
60) Dibromochloromethane	11.138	129	97092	18.894	ug/l	98
61) 1,2-Dibromoethane	11.244	107	73574	18.709	ug/l	94
64) Tetrachloroethene	10.873	164	87581	19.342	ug/l	93
65) Chlorobenzene	11.667	112	271793	19.553	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	103721	20.105	ug/l	100
67) Ethyl Benzene	11.738	91	483443	19.779	ug/l	99
68) m/p-Xylenes	11.849	106	373928	39.964	ug/l	100
69) o-Xylene	12.173	106	173904	19.758	ug/l	97
70) Styrene	12.191	104	301789	19.980	ug/l	100
71) Bromoform	12.355	173	57230	19.342	ug/l #	98
73) Isopropylbenzene	12.473	105	486068	20.274	ug/l	99
74) N-amyl acetate	12.279	43	103868	17.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	88602	18.692	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	60890m	18.410	ug/l	
77) Bromobenzene	12.755	156	111345	19.832	ug/l	99
78) n-propylbenzene	12.814	91	598306	20.304	ug/l	100
79) 2-Chlorotoluene	12.896	91	347502	20.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	416357	20.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	23533	17.818	ug/l	98
82) 4-Chlorotoluene	12.996	91	359612	20.259	ug/l	99
83) tert-Butylbenzene	13.214	119	355600	20.674	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	403586	20.508	ug/l	100
85) sec-Butylbenzene	13.391	105	544558	20.784	ug/l	100
86) p-Isopropyltoluene	13.508	119	449633	20.864	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	227951	20.085	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	225971	19.816	ug/l	99
89) n-Butylbenzene	13.832	91	421586	20.573	ug/l	99
90) Hexachloroethane	14.102	117	88113	20.369	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	196771	19.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14308	19.376	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	122546	20.046	ug/l	98
94) Hexachlorobutadiene	15.255	225	69740	20.746	ug/l	99
95) Naphthalene	15.385	128	212765	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	103970	19.717	ug/l	98

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

