

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073655.D
 Acq On : 22 Jun 2022 15:24
 Operator : VA/SY
 Sample : N3214-02 5.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 23 09:56:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	213790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	356076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	333370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15756	6.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.820%#		
35) Dibromofluoromethane	7.914	113	15416	5.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.940%#		
50) Toluene-d8	10.332	98	52597	5.689	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.380%#		
62) 4-Bromofluorobenzene	12.620	95	19377	5.715	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.420%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13251	6.435	ug/l	96
3) Chloromethane	2.209	50	11098	5.940	ug/l	96
4) Vinyl Chloride	2.350	62	10237	5.812	ug/l	93
5) Bromomethane	2.762	94	8782	6.387	ug/l	98
6) Chloroethane	2.921	64	6763	5.933	ug/l #	88
7) Trichlorofluoromethane	3.273	101	23920	5.862	ug/l	90
8) Diethyl Ether	3.709	74	5913	5.555	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.079	101	14531	6.165	ug/l	97
10) Methyl Iodide	4.291	142	11722	5.134	ug/l #	89
11) Tert butyl alcohol	5.179	59	32057	117.998	ug/l #	78
12) 1,1-Dichloroethene	4.062	96	11153	5.413	ug/l	98
13) Acrolein	3.909	56	1034	13.815	ug/l #	14
14) Allyl chloride	4.703	41	16130	5.441	ug/l	96
15) Acrylonitrile	5.409	53	13772	28.517	ug/l	99
16) Acetone	4.156	43	13384	34.224	ug/l	95
17) Carbon Disulfide	4.397	76	29436	4.956	ug/l	98
18) Methyl Acetate	4.715	43	11182	8.935	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	26544	5.445	ug/l	99
20) Methylene Chloride	4.967	84	34480	11.012	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	13334	5.443	ug/l	91
22) Diisopropyl ether	6.356	45	34472	5.182	ug/l	90
23) Vinyl Acetate	6.297	43	75754m	21.778	ug/l	
24) 1,1-Dichloroethane	6.256	63	25937	5.823	ug/l #	97
25) 2-Butanone	7.214	43	17869	31.389	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	24037	5.874	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	15745	5.571	ug/l	93
28) Bromochloromethane	7.544	49	9583	5.744	ug/l #	99
29) Tetrahydrofuran	7.567	42	8786	24.885	ug/l	96
30) Chloroform	7.703	83	29574	5.865	ug/l	97
31) Cyclohexane	7.973	56	21504	5.746	ug/l #	72
32) 1,1,1-Trichloroethane	7.897	97	26426	5.889	ug/l	98
36) 1,1-Dichloropropene	8.097	75	19002	5.252	ug/l	95
37) Ethyl Acetate	7.291	43	7829	5.624	ug/l #	82
38) Carbon Tetrachloride	8.091	117	22700	5.524	ug/l #	87
39) Methylcyclohexane	9.344	83	20908	5.215	ug/l	99
40) Benzene	8.344	78	57801	5.523	ug/l	99

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41) Methacrylonitrile	7.514	41	3952	5.128	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	18027	5.766	ug/l	99
43) Isopropyl Acetate	8.450	43	14361	5.480	ug/l	97
44) Trichloroethene	9.108	130	15976	5.359	ug/l	94
45) 1,2-Dichloropropane	9.385	63	13781	5.240	ug/l	92
46) Dibromomethane	9.467	93	8985	6.016	ug/l	86
47) Bromodichloromethane	9.650	83	21928	5.642	ug/l	89
48) Methyl methacrylate	9.450	41	6478	4.883	ug/l	91
49) 1,4-Dioxane	9.450	88	1463	88.395	ug/l #	60
51) 4-Methyl-2-Pentanone	10.220	43	36006	26.760	ug/l	98
52) Toluene	10.397	92	36325	5.310	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	19077	5.360	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	21066	5.062	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	12635	5.991	ug/l #	86
56) Ethyl methacrylate	10.650	69	11031	4.740	ug/l	97
57) 1,3-Dichloropropane	10.938	76	19429	5.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	26810	28.644	ug/l	99
59) 2-Hexanone	10.973	43	22278	24.009	ug/l	97
60) Dibromochloromethane	11.126	129	14462	5.260	ug/l	98
61) 1,2-Dibromoethane	11.238	107	10679	5.285	ug/l	93
64) Tetrachloroethene	10.867	164	14903	6.039	ug/l	94
65) Chlorobenzene	11.661	112	41593	5.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	16657	5.774	ug/l	100
67) Ethyl Benzene	11.738	91	67278	5.316	ug/l	99
68) m/p-Xylenes	11.844	106	51305	10.294	ug/l	99
69) o-Xylene	12.167	106	24444	5.262	ug/l	91
70) Styrene	12.185	104	39753	4.990	ug/l	97
71) Bromoform	12.349	173	8958	5.703	ug/l #	97
73) Isopropylbenzene	12.467	105	62423	5.128	ug/l	100
74) N-amyl acetate	12.273	43	13167	5.352	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	13087	5.717	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	9077m	5.560	ug/l	
77) Bromobenzene	12.749	156	16643	5.619	ug/l	94
78) n-propylbenzene	12.808	91	79136	5.308	ug/l	95
79) 2-Chlorotoluene	12.896	91	45965	5.256	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	53250	5.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	3836	5.422	ug/l	98
82) 4-Chlorotoluene	12.996	91	48945	5.244	ug/l	97
83) tert-Butylbenzene	13.208	119	44667	4.964	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	51048	4.978	ug/l	99
85) sec-Butylbenzene	13.391	105	68572	5.125	ug/l	100
86) p-Isopropyltoluene	13.502	119	58093	5.256	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	34020	5.567	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	34912	5.764	ug/l	94
89) n-Butylbenzene	13.832	91	52708	5.072	ug/l	98
90) Hexachloroethane	14.096	117	12774	5.411	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	29625	5.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1869	5.229	ug/l	73
93) 1,2,4-Trichlorobenzene	15.143	180	17001	5.536	ug/l	94
94) Hexachlorobutadiene	15.249	225	9902	5.689	ug/l	97
95) Naphthalene	15.385	128	25752	4.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	14264	5.339	ug/l	98

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

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