

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073880.D
 Acq On : 20 Jul 2022 15:31
 Operator : VA/SY
 Sample : VD0720SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

Quant Time: Jul 21 01:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	136394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	228811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	208105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86335	53.008	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.020%			
35) Dibromofluoromethane	7.903	113	90099	55.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.640%			
50) Toluene-d8	10.332	98	319541	54.530	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.620	95	111649	55.415	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30881	23.712	ug/l	98
3) Chloromethane	2.209	50	53977	23.760	ug/l	100
4) Vinyl Chloride	2.344	62	66512	21.159	ug/l	98
5) Bromomethane	2.744	94	34554	16.262	ug/l	96
6) Chloroethane	2.909	64	46108	21.761	ug/l	98
7) Trichlorofluoromethane	3.256	101	106355	37.835	ug/l	100
8) Diethyl Ether	3.703	74	14853	21.540	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.073	101	33658	21.578	ug/l	94
10) Methyl Iodide	4.285	142	31869	20.741	ug/l	92
11) Tert butyl alcohol	5.232	59	10066	90.393	ug/l	97
12) 1,1-Dichloroethene	4.050	96	31265	22.557	ug/l #	70
13) Acrolein	3.920	56	7950	105.156	ug/l	95
14) Allyl chloride	4.697	41	41216	20.372	ug/l #	91
15) Acrylonitrile	5.415	53	31569	112.171	ug/l	98
16) Acetone	4.162	43	26888	100.609	ug/l #	88
17) Carbon Disulfide	4.397	76	94466	21.329	ug/l	100
18) Methyl Acetate	4.720	43	17088	25.493	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	72421	21.813	ug/l	95
20) Methylene Chloride	4.950	84	43369	14.176	ug/l	83
21) trans-1,2-Dichloroethene	5.462	96	35890	21.903	ug/l	91
22) Diisopropyl ether	6.362	45	91674	21.293	ug/l #	91
23) Vinyl Acetate	6.297	43	245939	104.655	ug/l #	89
24) 1,1-Dichloroethane	6.256	63	61188	21.517	ug/l	99
25) 2-Butanone	7.203	43	39140	103.183	ug/l #	75
26) 2,2-Dichloropropane	7.197	77	55328	21.910	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	38759	21.011	ug/l	92
28) Bromochloromethane	7.538	49	20483	19.198	ug/l #	72
29) Tetrahydrofuran	7.561	42	27216	118.325	ug/l	91
30) Chloroform	7.703	83	66833	21.352	ug/l	98
31) Cyclohexane	7.973	56	52390	20.244	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	61695	21.186	ug/l	97
36) 1,1-Dichloropropene	8.103	75	50169	21.544	ug/l	98
37) Ethyl Acetate	7.291	43	18635	22.255	ug/l #	91
38) Carbon Tetrachloride	8.085	117	53344	20.058	ug/l	98
39) Methylcyclohexane	9.344	83	58550	21.569	ug/l	91
40) Benzene	8.344	78	135444	21.378	ug/l	99

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41) Methacrylonitrile	7.514	41	11120	21.370	ug/l	91
42) 1,2-Dichloroethane	8.414	62	42631	21.985	ug/l	98
43) Isopropyl Acetate	8.444	43	37320	22.302	ug/l #	93
44) Trichloroethene	9.103	130	40920	23.142	ug/l	97
45) 1,2-Dichloropropane	9.379	63	32043	20.924	ug/l	96
46) Dibromomethane	9.467	93	21102	22.717	ug/l	98
47) Bromodichloromethane	9.650	83	50606	21.042	ug/l #	99
48) Methyl methacrylate	9.444	41	17972	21.906	ug/l #	80
49) 1,4-Dioxane	9.455	88	4715	485.122	ug/l	91
51) 4-Methyl-2-Pentanone	10.214	43	92589	110.678	ug/l	94
52) Toluene	10.391	92	90258	21.167	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	46688	21.989	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	51722	21.053	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	27044	22.888	ug/l	96
56) Ethyl methacrylate	10.650	69	29104	21.276	ug/l	93
57) 1,3-Dichloropropane	10.938	76	44192	21.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	55585	75.992	ug/l	93
59) 2-Hexanone	10.973	43	62687	109.665	ug/l	96
60) Dibromochloromethane	11.132	129	33863	21.156	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26813	22.429	ug/l	99
64) Tetrachloroethene	10.861	164	35160	25.332	ug/l	96
65) Chlorobenzene	11.655	112	96954	22.621	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	35845	22.006	ug/l	96
67) Ethyl Benzene	11.732	91	170823	21.586	ug/l	99
68) m/p-Xylenes	11.838	106	136073	43.992	ug/l	96
69) o-Xylene	12.167	106	62728	21.661	ug/l	93
70) Styrene	12.179	104	104765	21.161	ug/l	98
71) Bromoform	12.349	173	20196	22.914	ug/l #	100
73) Isopropylbenzene	12.467	105	165629	20.649	ug/l	99
74) N-amyl acetate	12.273	43	36111	22.824	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	29592	21.345	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	28056m	24.691	ug/l	
77) Bromobenzene	12.749	156	38490	21.592	ug/l	89
78) n-propylbenzene	12.808	91	209558	21.416	ug/l	99
79) 2-Chlorotoluene	12.891	91	117424	21.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	141183	20.881	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8543	20.288	ug/l	93
82) 4-Chlorotoluene	12.991	91	121820	20.986	ug/l	96
83) tert-Butylbenzene	13.208	119	121791	21.068	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	139650	20.737	ug/l	100
85) sec-Butylbenzene	13.385	105	188246	21.595	ug/l	98
86) p-Isopropyltoluene	13.502	119	157403	21.444	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	80404	21.539	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	81047	21.964	ug/l	99
89) n-Butylbenzene	13.826	91	149003	21.381	ug/l	99
90) Hexachloroethane	14.096	117	25657	17.689	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	68838	21.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	4867	20.906	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	41715	21.186	ug/l	97
94) Hexachlorobutadiene	15.249	225	22861	21.909	ug/l	95
95) Naphthalene	15.379	128	76570	21.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	36262	21.662	ug/l	98

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

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