

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073755.D
 Acq On : 30 Jun 2022 17:57
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 01 02:29:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Semsettin Yesilyurt 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	213095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	392515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	359288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	176181	84.751	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.500%#			
35) Dibromofluoromethane	7.902	113	185343	86.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 173.840%#			
50) Toluene-d8	10.332	98	641380	82.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 164.000%#			
62) 4-Bromofluorobenzene	12.620	95	269383	87.320	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 174.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	105049	79.916	ug/l	93
3) Chloromethane	2.209	50	122511	83.064	ug/l	98
4) Vinyl Chloride	2.344	62	142035	85.212	ug/l	91
5) Bromomethane	2.732	94	89731	77.073	ug/l	98
6) Chloroethane	2.897	64	105997	87.496	ug/l	98
7) Trichlorofluoromethane	3.250	101	270088	88.745	ug/l	97
8) Diethyl Ether	3.703	74	95137	93.470	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.079	101	177680	88.046	ug/l	92
10) Methyl Iodide	4.291	142	136362	95.116	ug/l	96
11) Tert butyl alcohol	5.220	59	129647	253.195	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	145385	84.051	ug/l	94
13) Acrolein	3.914	56	11544	241.784	ug/l	97
14) Allyl chloride	4.703	41	273975	91.850	ug/l	98
15) Acrylonitrile	5.414	53	271289	489.455	ug/l	98
16) Acetone	4.156	43	194428	449.537	ug/l	98
17) Carbon Disulfide	4.391	76	226424	82.590	ug/l	98
18) Methyl Acetate	4.714	43	118959	70.952	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	544505	96.854	ug/l	98
20) Methylene Chloride	4.956	84	204162	72.673	ug/l	96
21) trans-1,2-Dichloroethene	5.461	96	167358	85.433	ug/l	99
22) Diisopropyl ether	6.356	45	725443	96.581	ug/l	96
23) Vinyl Acetate	6.297	43	2044446	538.063	ug/l	98
24) 1,1-Dichloroethane	6.256	63	388832	92.614	ug/l	96
25) 2-Butanone	7.203	43	337540	475.222	ug/l	100
26) 2,2-Dichloropropane	7.197	77	350457	90.333	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	242873	91.931	ug/l	97
28) Bromochloromethane	7.538	49	153867	95.320	ug/l #	80
29) Tetrahydrofuran	7.555	42	219648	489.235	ug/l	93
30) Chloroform	7.703	83	422896	95.012	ug/l	99
31) Cyclohexane	7.973	56	261713	78.881	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	350730	89.850	ug/l	97
36) 1,1-Dichloropropene	8.102	75	263740	89.083	ug/l	97
37) Ethyl Acetate	7.285	43	151918	97.337	ug/l	95
38) Carbon Tetrachloride	8.085	117	285807	89.911	ug/l	98
39) Methylcyclohexane	9.349	83	290571	86.175	ug/l	96
40) Benzene	8.344	78	794943	90.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	97080	102.343	ug/l	97
42) 1,2-Dichloroethane	8.414	62	249542	94.679	ug/l	99
43) Isopropyl Acetate	8.444	43	320785	96.400	ug/l	95
44) Trichloroethene	9.102	130	210565	90.635	ug/l	100
45) 1,2-Dichloropropane	9.379	63	234047	94.048	ug/l	97
46) Dibromomethane	9.467	93	123331	94.438	ug/l #	88
47) Bromodichloromethane	9.649	83	341900	96.770	ug/l	93
48) Methyl methacrylate	9.449	41	140161	93.888	ug/l	94
49) 1,4-Dioxane	9.455	88	35626	2029.701	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	843610	498.047	ug/l	98
52) Toluene	10.396	92	543756	93.220	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	335455	96.638	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	366570	93.285	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	190403	97.522	ug/l	99
56) Ethyl methacrylate	10.649	69	256744	99.166	ug/l	96
57) 1,3-Dichloropropane	10.938	76	320436	97.511	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	484040	461.216	ug/l	94
59) 2-Hexanone	10.973	43	572973	496.417	ug/l	97
60) Dibromochloromethane	11.132	129	232482	98.067	ug/l	96
61) 1,2-Dibromoethane	11.238	107	174403	96.693	ug/l	98
64) Tetrachloroethene	10.867	164	154861	84.319	ug/l	94
65) Chlorobenzene	11.661	112	619585	93.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	240725	96.291	ug/l	98
67) Ethyl Benzene	11.732	91	1127776	92.600	ug/l	97
68) m/p-Xylenes	11.843	106	859913	185.601	ug/l	99
69) o-Xylene	12.167	106	427393	94.235	ug/l	99
70) Styrene	12.185	104	742677	95.618	ug/l	99
71) Bromoform	12.349	173	131714	101.016	ug/l #	98
73) Isopropylbenzene	12.467	105	1164180	92.602	ug/l	100
74) N-amyl acetate	12.273	43	330710	96.883	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	240065	95.798	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	192323m	121.273	ug/l	
77) Bromobenzene	12.749	156	241711	93.842	ug/l	85
78) n-propylbenzene	12.808	91	1437628	91.364	ug/l	97
79) 2-Chlorotoluene	12.896	91	813595	92.643	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	959420	91.754	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	81692	99.374	ug/l	93
82) 4-Chlorotoluene	12.990	91	852351	93.605	ug/l	99
83) tert-Butylbenzene	13.208	119	849901	91.854	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	956537	92.570	ug/l	100
85) sec-Butylbenzene	13.385	105	1328583	92.812	ug/l	97
86) p-Isopropyltoluene	13.502	119	1059087	92.327	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	501726	93.468	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	501826	93.796	ug/l	98
89) n-Butylbenzene	13.826	91	1060481	91.599	ug/l	98
90) Hexachloroethane	14.096	117	210723	92.924	ug/l	88
91) 1,2-Dichlorobenzene	13.873	146	450430	94.865	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	37441	90.704	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	269581	95.193	ug/l	98
94) Hexachlorobutadiene	15.249	225	127449	90.673	ug/l	97
95) Naphthalene	15.379	128	604976	96.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	235738	95.712	ug/l	95

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

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