

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073995.D
 Acq On : 09 Aug 2022 14:16
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 10 00:23:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 00:16:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	180824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	277899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	151470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	172522	107.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 214.340%#			
35) Dibromofluoromethane	7.903	113	216905	123.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 247.020%#			
50) Toluene-d8	10.332	98	605285	117.376	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 234.760%#			
62) 4-Bromofluorobenzene	12.620	95	317865	142.470	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 284.940%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	172522	103.494	ug/l	97
3) Chloromethane	2.209	50	230966	101.497	ug/l	94
4) Vinyl Chloride	2.344	62	352251	115.326	ug/l	97
5) Bromomethane	2.732	94	246091	129.288	ug/l	98
6) Chloroethane	2.897	64	259171	119.430	ug/l	98
7) Trichlorofluoromethane	3.256	101	389230	102.569	ug/l	93
8) Diethyl Ether	3.703	74	102227	133.958	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	221313	119.333	ug/l	99
10) Methyl Iodide	4.285	142	216973	134.097	ug/l	99
11) Tert butyl alcohol	5.226	59	85147	464.124	ug/l	100
12) 1,1-Dichloroethene	4.056	96	191007	124.389	ug/l	97
13) Acrolein	3.915	56	71065	673.580	ug/l	97
14) Allyl chloride	4.703	41	259670	124.421	ug/l	99
15) Acrylonitrile	5.409	53	242512	682.315	ug/l	99
16) Acetone	4.156	43	186210	549.479	ug/l	96
17) Carbon Disulfide	4.397	76	429098	107.268	ug/l	98
18) Methyl Acetate	4.714	43	108424	114.413	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	560128	139.865	ug/l	100
20) Methylene Chloride	4.950	84	234485	86.521	ug/l	95
21) trans-1,2-Dichloroethene	5.462	96	229581	127.456	ug/l	93
22) Diisopropyl ether	6.356	45	669378	142.148	ug/l	99
23) Vinyl Acetate	6.297	43	1954367	160.637	ug/l	100
24) 1,1-Dichloroethane	6.250	63	409928	126.886	ug/l	97
25) 2-Butanone	7.203	43	314979	614.582	ug/l	100
26) 2,2-Dichloropropane	7.197	77	413921	124.447	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	284721	134.282	ug/l	96
28) Bromochloromethane	7.538	49	132302	128.712	ug/l #	97
29) Tetrahydrofuran	7.556	42	198608	703.511	ug/l	97
30) Chloroform	7.697	83	485552	129.535	ug/l	97
31) Cyclohexane	7.979	56	304174	116.975	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	450635	127.290	ug/l	98
36) 1,1-Dichloropropene	8.103	75	324983	132.589	ug/l	99
37) Ethyl Acetate	7.291	43	148481	135.860	ug/l	96
38) Carbon Tetrachloride	8.091	117	396440	137.885	ug/l	97
39) Methylcyclohexane	9.350	83	370607	142.698	ug/l	98
40) Benzene	8.344	78	946928	136.810	ug/l	99

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41) Methacrylonitrile	7.514	41	73548	134.380	ug/l	96
42) 1,2-Dichloroethane	8.414	62	296479	132.688	ug/l	99
43) Isopropyl Acetate	8.444	43	289939	141.650	ug/l	97
44) Trichloroethene	9.102	130	269695	133.040	ug/l	99
45) 1,2-Dichloropropane	9.379	63	233257	137.177	ug/l	98
46) Dibromomethane	9.467	93	152961	135.537	ug/l	99
47) Bromodichloromethane	9.650	83	389843	137.749	ug/l	96
48) Methyl methacrylate	9.444	41	134727	147.534	ug/l	94
49) 1,4-Dioxane	9.455	88	37966	2959.632	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	779277	738.188	ug/l	97
52) Toluene	10.397	92	687429	150.799	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	369749	149.302	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	410759	146.126	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	213145	143.585	ug/l	98
56) Ethyl methacrylate	10.649	69	256731	158.652	ug/l	99
57) 1,3-Dichloropropane	10.932	76	342816	145.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	497552	877.810	ug/l	98
59) 2-Hexanone	10.973	43	546122	764.519	ug/l	100
60) Dibromochloromethane	11.126	129	290891	146.848	ug/l	99
61) 1,2-Dibromoethane	11.238	107	212441	146.213	ug/l	98
64) Tetrachloroethene	10.867	164	232409	131.855	ug/l	95
65) Chlorobenzene	11.661	112	756365	141.545	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	307736	146.870	ug/l	98
67) Ethyl Benzene	11.732	91	1373293	149.075	ug/l	97
68) m/p-Xylenes	11.844	106	1124009	303.695	ug/l	97
69) o-Xylene	12.167	106	527660	154.854	ug/l	99
70) Styrene	12.179	104	929230	155.790	ug/l	100
71) Bromoform	12.349	173	184086	147.062	ug/l #	99
73) Isopropylbenzene	12.467	105	1431691	146.230	ug/l	100
74) N-amyl acetate	12.273	43	304059	143.548	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	253151	131.978	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	169656m	86.271	ug/l	
77) Bromobenzene	12.743	156	338437	140.538	ug/l	97
78) n-propylbenzene	12.808	91	1727259	143.630	ug/l	100
79) 2-Chlorotoluene	12.896	91	967765	141.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	1226624	146.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	81941	152.705	ug/l	98
82) 4-Chlorotoluene	12.991	91	1029082	141.346	ug/l	100
83) tert-Butylbenzene	13.208	119	1082474	149.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1244223	147.829	ug/l	98
85) sec-Butylbenzene	13.385	105	1610474	146.233	ug/l	99
86) p-Isopropyltoluene	13.502	119	1405406	151.222	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	715278	141.942	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	701693	137.610	ug/l	98
89) n-Butylbenzene	13.826	91	1263693	144.738	ug/l	98
90) Hexachloroethane	14.096	117	257929	137.267	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	621301	142.294	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	43609	128.150	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	386409	146.503	ug/l	99
94) Hexachlorobutadiene	15.243	225	203756	137.561	ug/l	98
95) Naphthalene	15.379	128	774680	155.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	344372	144.704	ug/l	98

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

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