

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076954.D
 Acq On : 08 Aug 2023 14:58
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 09 05:43:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	219165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	204199	118.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 236.220%#			
35) Dibromofluoromethane	7.805	113	258088	130.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 260.620%#			
50) Toluene-d8	10.269	98	848366	133.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 266.740%#			
62) 4-Bromofluorobenzene	12.575	95	298362	134.169	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 268.340%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	164711	152.032	ug/l	99
3) Chloromethane	2.146	50	227317	122.270	ug/l	99
4) Vinyl Chloride	2.275	62	359297	131.154	ug/l	99
5) Bromomethane	2.664	94	326497	131.772	ug/l	99
6) Chloroethane	2.822	64	288021	127.972	ug/l	99
7) Trichlorofluoromethane	3.164	101	391644	131.234	ug/l	96
8) Diethyl Ether	3.587	74	127974	133.271	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	266627	130.462	ug/l	98
10) Methyl Iodide	4.152	142	290332	147.512	ug/l	92
11) Tert butyl alcohol	5.064	59	80757	749.505	ug/l	99
12) 1,1-Dichloroethene	3.928	96	224415	133.795	ug/l	93
13) Acrolein	3.793	56	27902	753.251	ug/l	99
14) Allyl chloride	4.552	41	272866	132.462	ug/l	94
15) Acrylonitrile	5.252	53	318738	667.514	ug/l	100
16) Acetone	4.017	43	222699	745.081	ug/l #	86
17) Carbon Disulfide	4.264	76	401548	141.425	ug/l	99
18) Methyl Acetate	4.558	43	204459	126.647	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	639332	135.036	ug/l	98
20) Methylene Chloride	4.799	84	299049	150.027	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	256480	133.865	ug/l	96
22) Diisopropyl ether	6.211	45	707721	131.513	ug/l	96
23) Vinyl Acetate	6.152	43	1752744m	694.466	ug/l	
24) 1,1-Dichloroethane	6.105	63	482738	125.504	ug/l	98
25) 2-Butanone	7.075	43	354243	612.557	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	436878	125.098	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	346902	131.950	ug/l	99
28) Bromochloromethane	7.422	49	237178	129.019	ug/l	93
29) Tetrahydrofuran	7.446	42	213483	661.082	ug/l	96
30) Chloroform	7.593	83	560855	127.808	ug/l	96
31) Cyclohexane	7.875	56	296295	150.178	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	480685	133.471	ug/l	96
36) 1,1-Dichloropropene	8.005	75	356249	145.463	ug/l	98
37) Ethyl Acetate	7.169	43	154765	136.950	ug/l	96
38) Carbon Tetrachloride	7.987	117	387586	147.866	ug/l	99
39) Methylcyclohexane	9.275	83	399804	154.082	ug/l	95
40) Benzene	8.252	78	1095450	139.110	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	92263	151.303	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	291155	137.163	ug/l	98
43) Isopropyl Acetate	8.357	43	298741	140.675	ug/l	95
44) Trichloroethene	9.028	130	303920	139.791	ug/l	91
45) 1,2-Dichloropropane	9.304	63	289394	136.369	ug/l	96
46) Dibromomethane	9.393	93	171393	135.158	ug/l	94
47) Bromodichloromethane	9.581	83	438495	134.800	ug/l	98
48) Methyl methacrylate	9.381	41	133324	142.773	ug/l	89
49) 1,4-Dioxane	9.387	88	39475	2663.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	829221	707.404	ug/l	96
52) Toluene	10.334	92	757977	146.561	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	407900	143.734	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	465660	141.479	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	259512	137.899	ug/l	94
56) Ethyl methacrylate	10.599	69	295439	151.466	ug/l	93
57) 1,3-Dichloropropane	10.881	76	403396	137.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	520437	709.777	ug/l	100
59) 2-Hexanone	10.922	43	566022	709.370	ug/l	95
60) Dibromochloromethane	11.075	129	319217	140.649	ug/l	97
61) 1,2-Dibromoethane	11.181	107	231710	138.456	ug/l	100
64) Tetrachloroethene	10.810	164	244455	139.546	ug/l	93
65) Chlorobenzene	11.604	112	854845	138.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	342992	141.181	ug/l	96
67) Ethyl Benzene	11.681	91	1540159	148.276	ug/l	98
68) m/p-Xylenes	11.793	106	1195843	296.427	ug/l	93
69) o-Xylene	12.122	106	582585	150.584	ug/l	94
70) Styrene	12.134	104	1025337	148.662	ug/l	99
71) Bromoform	12.298	173	191269	142.012	ug/l #	99
73) Isopropylbenzene	12.422	105	1566644	146.270	ug/l	96
74) N-amyl acetate	12.234	43	292166	136.915	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	303193	128.468	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	195133m	122.210	ug/l	
77) Bromobenzene	12.698	156	356310	136.716	ug/l	93
78) n-propylbenzene	12.763	91	1868444	143.407	ug/l	96
79) 2-Chlorotoluene	12.851	91	985606	137.595	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1260948	145.040	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	94063	138.407	ug/l	95
82) 4-Chlorotoluene	12.945	91	1038802	138.561	ug/l	97
83) tert-Butylbenzene	13.169	119	1188406	149.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1289805	145.600	ug/l	96
85) sec-Butylbenzene	13.345	105	1769885	146.964	ug/l	96
86) p-Isopropyltoluene	13.463	119	1510583	151.865	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	758258	140.258	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	726861	134.860	ug/l	99
89) n-Butylbenzene	13.787	91	1384581	146.132	ug/l	99
90) Hexachloroethane	14.051	117	275296	136.964	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	654129	136.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	42383	132.082	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	418541	140.792	ug/l	97
94) Hexachlorobutadiene	15.204	225	203529	136.855	ug/l	99
95) Naphthalene	15.334	128	883185	146.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	372888	140.686	ug/l	98

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

