

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008660.D
 Acq On : 09 May 2022 12:48
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2022
 Supervised By :Semsettin Yesilyurt 05/10/2022

Quant Time: May 09 13:06:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	256588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	399074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	331781	121.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 243.680%#			
35) Dibromofluoromethane	7.716	113	381837	156.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 313.000%#			
50) Toluene-d8	10.179	98	1386169	147.732	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 295.460%#			
62) 4-Bromofluorobenzene	12.483	95	471980	137.514	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 275.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	201584	131.727	ug/l	99
3) Chloromethane	2.113	50	256823	82.614	ug/l	97
4) Vinyl Chloride	2.260	62	334515	117.498	ug/l	99
5) Bromomethane	2.650	94	224884	60.291	ug/l	97
6) Chloroethane	2.796	64	198571	64.214	ug/l	98
7) Trichlorofluoromethane	3.119	101	401988	101.652	ug/l	96
8) Diethyl Ether	3.522	74	238374	140.014	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.900	101	394371	146.977	ug/l	94
10) Methyl Iodide	4.088	142	654230	161.544	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	421271	159.829	ug/l #	73
13) Acrolein	3.723	56	185993	1128.369	ug/l	97
14) Allyl chloride	4.473	41	529551	140.617	ug/l #	83
15) Acrylonitrile	5.155	53	545589	662.627	ug/l	97
16) Acetone	3.942	43	367751	589.695	ug/l #	80
17) Carbon Disulfide	4.192	76	1126077	163.233	ug/l	99
18) Methyl Acetate	4.473	43	233299	104.472	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	699233	125.663	ug/l	95
20) Methylene Chloride	4.710	84	445429	123.926	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	463815	143.227	ug/l #	79
22) Diisopropyl ether	6.113	45	1109628	129.520	ug/l #	89
23) Vinyl Acetate	6.052	43	3734343	655.488	ug/l #	86
24) 1,1-Dichloroethane	6.009	63	730467	134.152	ug/l	97
25) 2-Butanone	6.978	43	645181	623.425	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	472936	130.672	ug/l	88
27) cis-1,2-Dichloroethene	6.978	96	528409	142.573	ug/l	77
28) Bromochloromethane	7.332	49	244544	114.645	ug/l #	60
29) Tetrahydrofuran	7.344	42	429069	626.516	ug/l #	74
30) Chloroform	7.503	83	772862	135.660	ug/l	100
31) Cyclohexane	7.783	56	633520	131.361	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	640194	136.250	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	608276	155.963	ug/l	94
37) Ethyl Acetate	7.070	43	292637	139.290	ug/l #	89
38) Carbon Tetrachloride	7.899	117	632611	162.408	ug/l	98
39) Methylcyclohexane	9.179	83	819325	157.748	ug/l #	85
40) Benzene	8.161	78	1764024	155.048	ug/l	96
41) Methacrylonitrile	7.314	41	168907m	159.191	ug/l	

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42) 1,2-Dichloroethane	8.234	62	446954	135.515	ug/l	86
43) Isopropyl Acetate	8.271	43	552363	142.752	ug/l #	84
44) Trichloroethene	8.935	130	523425	157.848	ug/l	98
45) 1,2-Dichloropropane	9.216	63	427751	150.465	ug/l	96
46) Dibromomethane	9.301	93	267196	137.794	ug/l	95
47) Bromodichloromethane	9.496	83	606180	145.640	ug/l	98
48) Methyl methacrylate	9.289	41	246126	139.893	ug/l #	71
49) 1,4-Dioxane	9.301	88	68732	3222.865	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	1430506	672.829	ug/l #	81
52) Toluene	10.246	92	1166570	148.055	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	650935	135.078	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	746757	149.748	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	382320	136.326	ug/l	98
56) Ethyl methacrylate	10.508	69	510960	142.094	ug/l #	69
57) 1,3-Dichloropropane	10.789	76	620195	137.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1253999	751.116	ug/l #	89
59) 2-Hexanone	10.831	43	983552	649.800	ug/l	76
60) Dibromochloromethane	10.984	129	477614	146.990	ug/l	100
61) 1,2-Dibromoethane	11.087	107	379553	142.691	ug/l	100
64) Tetrachloroethene	10.721	164	447283	160.101	ug/l	97
65) Chlorobenzene	11.514	112	1270545	154.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	479019	159.449	ug/l	97
67) Ethyl Benzene	11.593	91	2223684	154.581	ug/l	96
68) m/p-Xylenes	11.703	106	1777479	281.257	ug/l	89
69) o-Xylene	12.032	106	847115	136.212	ug/l	88
70) Styrene	12.044	104	1426594	134.828	ug/l	93
71) Bromoform	12.209	173	309324	139.937	ug/l #	98
73) Isopropylbenzene	12.331	105	2152719	145.680	ug/l	98
74) N-amyl acetate	12.142	43	472562	127.573	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	430630	141.858	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	263289m	132.661	ug/l	
77) Bromobenzene	12.611	156	529538	160.558	ug/l	88
78) n-propylbenzene	12.672	91	2520083	158.651	ug/l	96
79) 2-Chlorotoluene	12.758	91	1389401	162.918	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	1707351	162.678	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	162156	151.867	ug/l #	75
82) 4-Chlorotoluene	12.855	91	1421684	159.463	ug/l	94
83) tert-Butylbenzene	13.075	119	1527613	158.550	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1680674	157.864	ug/l	96
85) sec-Butylbenzene	13.258	105	2244512	156.122	ug/l	98
86) p-Isopropyltoluene	13.373	119	1894852	157.279	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	998081	156.718	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	978004	153.990	ug/l	98
89) n-Butylbenzene	13.697	91	1711445	153.136	ug/l	97
90) Hexachloroethane	13.965	117	362358	153.438	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	881588	156.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	64411	137.879	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	578005	158.929	ug/l	100
94) Hexachlorobutadiene	15.117	225	311818	162.621	ug/l	98
95) Naphthalene	15.239	128	1246113	159.913	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	513425	159.480	ug/l	99

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

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