

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008576.D
 Acq On : 02 May 2022 17:04
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 03 01:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 05/03/2022
 Supervised By :Mahesh
 Dadoda
 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	225664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	242459	143.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 286.460%#			
35) Dibromofluoromethane	7.716	113	261632	182.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 364.880%#			
50) Toluene-d8	10.179	98	962289	184.775	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 369.540%#			
62) 4-Bromofluorobenzene	12.483	95	333077	172.617	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 345.240%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	205726	149.978	ug/l	98
3) Chloromethane	2.113	50	239735	116.355	ug/l	94
4) Vinyl Chloride	2.253	62	300491	113.413	ug/l	98
5) Bromomethane	2.631	94	223959	91.312	ug/l	96
6) Chloroethane	2.784	64	194706	110.618	ug/l	99
7) Trichlorofluoromethane	3.119	101	424498	147.259	ug/l	93
8) Diethyl Ether	3.528	74	134797	138.064	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.893	101	253459	147.834	ug/l	92
10) Methyl Iodide	4.088	142	356803	173.737	ug/l	88
11) Tert butyl alcohol	4.954	59	106345	533.335	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	236995	146.900	ug/l #	76
13) Acrolein	3.729	56	143658	759.861	ug/l	97
14) Allyl chloride	4.479	41	291601	140.115	ug/l #	88
15) Acrylonitrile	5.161	53	305102	623.369	ug/l	97
16) Acetone	3.942	43	215547	551.463	ug/l #	86
17) Carbon Disulfide	4.192	76	687038	142.369	ug/l	99
18) Methyl Acetate	4.472	43	131752	118.284	ug/l #	79
19) Methyl tert-butyl Ether	5.216	73	656077	132.134	ug/l	93
20) Methylene Chloride	4.710	84	259500	102.308	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	272448	140.215	ug/l #	80
22) Diisopropyl ether	6.119	45	664267	133.511	ug/l #	90
23) Vinyl Acetate	6.058	43	2223287	657.988	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	417454	134.495	ug/l	97
25) 2-Butanone	6.984	43	367537	604.264	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	400014	138.301	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	308091	138.937	ug/l	80
28) Bromochloromethane	7.332	49	159761	129.996	ug/l #	56
29) Tetrahydrofuran	7.344	42	248050	628.288	ug/l #	74
30) Chloroform	7.509	83	460492	134.855	ug/l	100
31) Cyclohexane	7.783	56	371347	130.088	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	432130	143.204	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	350240	151.615	ug/l	93
37) Ethyl Acetate	7.070	43	171648	136.314	ug/l #	90
38) Carbon Tetrachloride	7.899	117	408282	167.464	ug/l	98
39) Methylcyclohexane	9.185	83	479353	161.230	ug/l #	82
40) Benzene	8.161	78	1014349	151.111	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	91090m	149.764	ug/l	
42) 1,2-Dichloroethane	8.234	62	285811	142.879	ug/l	89
43) Isopropyl Acetate	8.271	43	326038	141.672	ug/l #	85
44) Trichloroethene	8.941	130	316787	167.249	ug/l	94
45) 1,2-Dichloropropane	9.216	63	238474	149.061	ug/l	95
46) Dibromomethane	9.307	93	160263	143.682	ug/l	92
47) Bromodichloromethane	9.496	83	362741	152.009	ug/l	99
48) Methyl methacrylate	9.289	41	146829	149.804	ug/l #	76
49) 1,4-Dioxane	9.295	88	42330	2992.781	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	837926	692.929	ug/l #	83
52) Toluene	10.246	92	692770	155.894	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	387455	152.152	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	427533	150.522	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	222951	145.893	ug/l	97
56) Ethyl methacrylate	10.508	69	301278	153.175	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	358920	144.230	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	766439	717.617	ug/l #	86
59) 2-Hexanone	10.831	43	580062	699.071	ug/l	79
60) Dibromochloromethane	10.984	129	291521	163.426	ug/l	100
61) 1,2-Dibromoethane	11.087	107	227452	149.622	ug/l	100
64) Tetrachloroethene	10.721	164	282215	173.852	ug/l	97
65) Chlorobenzene	11.514	112	768358	159.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	294292	165.169	ug/l	98
67) Ethyl Benzene	11.593	91	1333212	160.278	ug/l	94
68) m/p-Xylenes	11.703	106	1096061	328.693	ug/l	88
69) o-Xylene	12.032	106	525853	163.897	ug/l	88
70) Styrene	12.044	104	889487	165.419	ug/l	93
71) Bromoform	12.209	173	197831	175.917	ug/l #	99
73) Isopropylbenzene	12.331	105	1349189	162.463	ug/l	98
74) N-amyl acetate	12.142	43	298880	149.265	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	257821	142.801	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	190463m	141.286	ug/l	
77) Bromobenzene	12.611	156	340716	167.266	ug/l	83
78) n-propylbenzene	12.672	91	1552744	156.883	ug/l	95
79) 2-Chlorotoluene	12.758	91	859999	154.438	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	1095147	158.662	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	92536	154.906	ug/l #	80
82) 4-Chlorotoluene	12.855	91	883886	153.672	ug/l	93
83) tert-Butylbenzene	13.075	119	985529	163.646	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1090792	159.447	ug/l	95
85) sec-Butylbenzene	13.258	105	1431831	158.569	ug/l	97
86) p-Isopropyltoluene	13.373	119	1254377	164.769	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	662101	162.283	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	637628	157.781	ug/l	97
89) n-Butylbenzene	13.696	91	1075895	157.327	ug/l	97
90) Hexachloroethane	13.965	117	229530	168.217	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	576200	158.598	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	40210	147.828	ug/l	59
93) 1,2,4-Trichlorobenzene	15.007	180	379650	183.497	ug/l	99
94) Hexachlorobutadiene	15.117	225	211079	202.108	ug/l	98
95) Naphthalene	15.239	128	781485	171.029	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	333277	183.865	ug/l	99

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

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