

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009473.D
 Acq On : 07 Jul 2022 15:27
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 08 01:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	289797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	194013	112.170	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 224.340%#			
35) Dibromofluoromethane	7.710	113	222540	129.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 258.860%#			
50) Toluene-d8	10.173	98	630556	106.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 213.500%#			
62) 4-Bromofluorobenzene	12.477	95	312780	128.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 257.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	236895	152.674	ug/l	99
3) Chloromethane	2.107	50	256657	148.121	ug/l	97
4) Vinyl Chloride	2.241	62	281878	142.882	ug/l	98
5) Bromomethane	2.613	94	214509	151.349	ug/l	99
6) Chloroethane	2.771	64	175241	152.146	ug/l	99
7) Trichlorofluoromethane	3.107	101	372085	141.267	ug/l	93
8) Diethyl Ether	3.521	74	165125	163.864	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	280907	157.408	ug/l	95
10) Methyl Iodide	4.076	142	380787	179.831	ug/l	88
11) Tert butyl alcohol	4.954	59	189569	608.497	ug/l	97
12) 1,1-Dichloroethene	3.857	96	278929	168.515	ug/l	87
13) Acrolein	3.716	56	132221	1040.748	ug/l	98
14) Allyl chloride	4.466	41	471688	165.628	ug/l #	91
15) Acrylonitrile	5.149	53	434637	783.870	ug/l	98
16) Acetone	3.936	43	360970	733.365	ug/l	91
17) Carbon Disulfide	4.180	76	875637	187.958	ug/l	100
18) Methyl Acetate	4.466	43	206335	142.774	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	798651	159.419	ug/l	95
20) Methylene Chloride	4.698	84	327027	118.032	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	318903	164.430	ug/l	88
22) Diisopropyl ether	6.106	45	882108	145.694	ug/l	96
23) Vinyl Acetate	6.051	43	3081601	796.034	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	535565	156.859	ug/l	99
25) 2-Butanone	6.972	43	558938	701.972	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	481935	143.214	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	353162	154.672	ug/l	87
28) Bromochloromethane	7.326	49	199301	138.882	ug/l #	78
29) Tetrahydrofuran	7.338	42	365885	710.450	ug/l #	86
30) Chloroform	7.496	83	550976	147.447	ug/l	98
31) Cyclohexane	7.777	56	480126	144.636	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	503472	152.821	ug/l	96
36) 1,1-Dichloropropene	7.911	75	431460	154.137	ug/l	97
37) Ethyl Acetate	7.063	43	249325	142.095	ug/l #	94
38) Carbon Tetrachloride	7.893	117	461251	154.074	ug/l	98
39) Methylcyclohexane	9.173	83	541401	161.129	ug/l	91
40) Benzene	8.149	78	1223571	148.858	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	117451m	71.979	ug/l	
42) 1,2-Dichloroethane	8.228	62	359886	145.836	ug/l	92
43) Isopropyl Acetate	8.264	43	478386	146.122	ug/l #	93
44) Trichloroethene	8.929	130	352335	151.735	ug/l	99
45) 1,2-Dichloropropane	9.209	63	302994	145.657	ug/l	95
46) Dibromomethane	9.301	93	180897	148.166	ug/l	98
47) Bromodichloromethane	9.490	83	432328	148.772	ug/l	100
48) Methyl methacrylate	9.289	41	212748	150.827	ug/l #	87
49) 1,4-Dioxane	9.295	88	54137	3010.972	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	1213399	704.765	ug/l	92
52) Toluene	10.240	92	773212	147.619	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	463337	151.301	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	509910	149.328	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	253122	143.712	ug/l	97
56) Ethyl methacrylate	10.502	69	364331	155.802	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	428625	147.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	840125	735.448	ug/l	93
59) 2-Hexanone	10.825	43	853251	715.199	ug/l	89
60) Dibromochloromethane	10.977	129	322292	151.105	ug/l	99
61) 1,2-Dibromoethane	11.081	107	255385	151.246	ug/l	100
64) Tetrachloroethene	10.715	164	345222	142.479	ug/l	96
65) Chlorobenzene	11.514	112	829625	145.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	308973	144.315	ug/l	98
67) Ethyl Benzene	11.587	91	1463898	147.328	ug/l	97
68) m/p-Xylenes	11.697	106	1143409	295.057	ug/l	93
69) o-Xylene	12.026	106	546179	147.041	ug/l	93
70) Styrene	12.038	104	931247	150.100	ug/l	96
71) Bromoform	12.203	173	208850	153.052	ug/l #	99
73) Isopropylbenzene	12.325	105	1443754	156.525	ug/l	99
74) N-amyl acetate	12.136	43	414818	158.064	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	286720	155.248	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	191172m	80.367	ug/l	
77) Bromobenzene	12.605	156	342666	152.602	ug/l	95
78) n-propylbenzene	12.666	91	1714115	153.821	ug/l	97
79) 2-Chlorotoluene	12.751	91	971512	155.722	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	1187431	154.015	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	110960	159.062	ug/l	87
82) 4-Chlorotoluene	12.849	91	994983	152.181	ug/l	97
83) tert-Butylbenzene	13.068	119	1072139	156.307	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1169966	152.459	ug/l	98
85) sec-Butylbenzene	13.251	105	1531305	151.586	ug/l	98
86) p-Isopropyltoluene	13.367	119	1281633	152.204	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	655109	147.797	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	663711	147.948	ug/l	98
89) n-Butylbenzene	13.690	91	1185268	150.736	ug/l	97
90) Hexachloroethane	13.958	117	248579	150.456	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	593247	146.082	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	53314	164.698	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	385501	155.641	ug/l	99
94) Hexachlorobutadiene	15.105	225	196329	144.177	ug/l	98
95) Naphthalene	15.233	128	865802	169.067	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	339588	158.298	ug/l	98

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

