

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009469.D
 Acq On : 07 Jul 2022 13:24
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 08 01:31:39 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	202901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190144	109.627	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 219.260%#			
35) Dibromofluoromethane	7.710	113	220190	129.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 259.040%#			
50) Toluene-d8	10.173	98	630978	108.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 216.080%#			
62) 4-Bromofluorobenzene	12.477	95	311264	129.709	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 259.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	170531	109.597	ug/l	99
3) Chloromethane	2.107	50	176744	101.717	ug/l	99
4) Vinyl Chloride	2.241	62	204480	103.361	ug/l	100
5) Bromomethane	2.619	94	155357	109.308	ug/l	100
6) Chloroethane	2.772	64	131491	113.843	ug/l	100
7) Trichlorofluoromethane	3.107	101	307507	116.423	ug/l	96
8) Diethyl Ether	3.521	74	95452	94.459	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	177971	99.449	ug/l	93
10) Methyl Iodide	4.076	142	241684	113.820	ug/l	90
11) Tert butyl alcohol	4.948	59	139438	446.333	ug/l	97
12) 1,1-Dichloroethene	3.857	96	158317	95.380	ug/l #	80
13) Acrolein	3.716	56	79490	623.942	ug/l	100
14) Allyl chloride	4.466	41	235234	82.369	ug/l #	90
15) Acrylonitrile	5.149	53	389621	700.723	ug/l	97
16) Acetone	3.936	43	188491	381.880	ug/l #	89
17) Carbon Disulfide	4.180	76	338084	72.368	ug/l	99
18) Methyl Acetate	4.466	43	107908	74.459	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	732116	145.730	ug/l	95
20) Methylene Chloride	4.704	84	181560	65.347	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	255041	131.136	ug/l	89
22) Diisopropyl ether	6.112	45	816892	134.546	ug/l #	92
23) Vinyl Acetate	6.051	43	2714099	699.146	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	483299	141.156	ug/l	98
25) 2-Butanone	6.978	43	477283	597.749	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	442766	131.207	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	313793	137.047	ug/l	87
28) Bromochloromethane	7.326	49	199274	138.475	ug/l #	79
29) Tetrahydrofuran	7.338	42	312583	605.258	ug/l #	88
30) Chloroform	7.496	83	513753	137.102	ug/l	98
31) Cyclohexane	7.777	56	368308	110.642	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	455406	137.845	ug/l	96
36) 1,1-Dichloropropene	7.911	75	355912	128.595	ug/l	97
37) Ethyl Acetate	7.063	43	215503	124.218	ug/l #	93
38) Carbon Tetrachloride	7.893	117	403346	136.265	ug/l	97
39) Methylcyclohexane	9.179	83	427859	128.787	ug/l	90
40) Benzene	8.155	78	1051196	129.343	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	121010	75.004	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	322015	131.975	ug/l	92
43) Isopropyl Acetate	8.264	43	421436	130.192	ug/l #	92
44) Trichloroethene	8.935	130	306830	133.642	ug/l	99
45) 1,2-Dichloropropane	9.209	63	278254	135.286	ug/l	96
46) Dibromomethane	9.301	93	162243	134.400	ug/l	98
47) Bromodichloromethane	9.490	83	394621	137.342	ug/l	99
48) Methyl methacrylate	9.289	41	185936	133.320	ug/l #	88
49) 1,4-Dioxane	9.289	88	46900	2638.161	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	1049186	616.324	ug/l	92
52) Toluene	10.240	92	679297	131.165	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	418733	138.292	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	461655	136.736	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	229120	131.565	ug/l	99
56) Ethyl methacrylate	10.508	69	321543	139.070	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	391282	136.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	804647	712.409	ug/l	94
59) 2-Hexanone	10.825	43	723609	613.437	ug/l	90
60) Dibromochloromethane	10.977	129	293712	139.273	ug/l	100
61) 1,2-Dibromoethane	11.081	107	225882	135.296	ug/l	100
64) Tetrachloroethene	10.715	164	303039	127.076	ug/l	96
65) Chlorobenzene	11.514	112	759186	135.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	292006	138.578	ug/l	98
67) Ethyl Benzene	11.587	91	1321914	135.173	ug/l	98
68) m/p-Xylenes	11.697	106	1027468	269.391	ug/l	93
69) o-Xylene	12.026	106	497240	136.013	ug/l	94
70) Styrene	12.038	104	843616	138.156	ug/l	97
71) Bromoform	12.203	173	188708	140.509	ug/l #	98
73) Isopropylbenzene	12.325	105	1323677	141.429	ug/l	98
74) N-amyl acetate	12.142	43	362818	136.248	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	258790	138.097	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	169456m	70.206	ug/l	
77) Bromobenzene	12.605	156	316294	138.818	ug/l	94
78) n-propylbenzene	12.666	91	1579737	139.710	ug/l	97
79) 2-Chlorotoluene	12.751	91	886575	140.051	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	1092661	139.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	96189	135.891	ug/l	88
82) 4-Chlorotoluene	12.849	91	915176	137.948	ug/l	97
83) tert-Butylbenzene	13.068	119	1002850	144.089	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	1074154	137.947	ug/l	98
85) sec-Butylbenzene	13.251	105	1428156	139.329	ug/l	98
86) p-Isopropyltoluene	13.367	119	1186852	138.907	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	603060	134.085	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	610556	134.129	ug/l	99
89) n-Butylbenzene	13.690	91	1108793	138.969	ug/l	98
90) Hexachloroethane	13.959	117	235132	140.257	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	555809	134.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	46112	140.388	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	365942	145.606	ug/l	99
94) Hexachlorobutadiene	15.105	225	191780	138.797	ug/l	98
95) Naphthalene	15.233	128	792208	152.457	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	320417	147.199	ug/l	99

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

