

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010229.D
 Acq On : 30 Aug 2022 19:46
 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: Aug 31 01:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 01:28:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	214048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	277760	120.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 240.720%#			
35) Dibromofluoromethane	7.710	113	278663	139.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 278.000%#			
50) Toluene-d8	10.179	98	1055958	136.746	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 273.500%#			
62) 4-Bromofluorobenzene	12.477	95	358119	131.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 263.520%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	207319	130.583	ug/l	100
3) Chloromethane	2.107	50	222323	118.251	ug/l	97
4) Vinyl Chloride	2.241	62	249005	118.351	ug/l	96
5) Bromomethane	2.619	94	183374	123.498	ug/l	100
6) Chloroethane	2.771	64	172332	122.427	ug/l	99
7) Trichlorofluoromethane	3.107	101	464828	134.780	ug/l	94
8) Diethyl Ether	3.515	74	158345	129.318	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.881	101	272942	127.650	ug/l	91
10) Methyl Iodide	4.076	142	408809	155.244	ug/l	89
11) Tert butyl alcohol	4.954	59	118640	279.962	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	269868	131.578	ug/l	82
13) Acrolein	3.716	56	179740	1506.116	ug/l	99
14) Allyl chloride	4.460	41	397793	113.116	ug/l #	91
15) Acrylonitrile	5.149	53	360800	542.722	ug/l	98
16) Acetone	3.936	43	261968	468.619	ug/l	90
17) Carbon Disulfide	4.174	76	823656	143.887	ug/l	99
18) Methyl Acetate	4.466	43	178040	91.873	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	735521	122.914	ug/l	95
20) Methylene Chloride	4.698	84	295028	78.934	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	301956	126.951	ug/l	85
22) Diisopropyl ether	6.106	45	783512	107.331	ug/l #	93
23) Vinyl Acetate	6.045	43	2547501	568.556	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	482647	114.886	ug/l	98
25) 2-Butanone	6.978	43	437965	492.948	ug/l #	83
26) 2,2-Dichloropropane	6.966	77	420392	105.898	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	339001	122.889	ug/l	83
28) Bromochloromethane	7.319	49	173922	98.604	ug/l #	64
29) Tetrahydrofuran	7.338	42	302722	536.142	ug/l #	84
30) Chloroform	7.496	83	527304	120.876	ug/l	100
31) Cyclohexane	7.777	56	445253	113.527	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	489268	126.774	ug/l	94
36) 1,1-Dichloropropene	7.905	75	406405	134.074	ug/l	95
37) Ethyl Acetate	7.063	43	209053	115.929	ug/l #	93
38) Carbon Tetrachloride	7.886	117	465288	144.542	ug/l	98
39) Methylcyclohexane	9.179	83	514079	137.882	ug/l	89
40) Benzene	8.155	78	1169277	131.141	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	138669m	140.798	ug/l	
42) 1,2-Dichloroethane	8.228	62	342688	132.200	ug/l	91
43) Isopropyl Acetate	8.264	43	399526	120.920	ug/l #	89
44) Trichloroethene	8.935	130	355865	138.985	ug/l	95
45) 1,2-Dichloropropane	9.209	63	274764	121.914	ug/l	96
46) Dibromomethane	9.301	93	170370	129.614	ug/l	89
47) Bromodichloromethane	9.490	83	406636	130.747	ug/l	100
48) Methyl methacrylate	9.289	41	183237	125.908	ug/l #	84
49) 1,4-Dioxane	9.295	88	39198	2136.872	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	1025800	593.192	ug/l	89
52) Toluene	10.240	92	759079	133.649	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	429072	132.906	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	481407	131.907	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	243269	132.170	ug/l	96
56) Ethyl methacrylate	10.508	69	337142	138.595	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	403936	128.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	411909	422.474	ug/l	90
59) 2-Hexanone	10.831	43	693165	590.417	ug/l	87
60) Dibromochloromethane	10.983	129	312679	137.373	ug/l	100
61) 1,2-Dibromoethane	11.087	107	235866	130.221	ug/l	100
64) Tetrachloroethene	10.715	164	350510	129.488	ug/l	98
65) Chlorobenzene	11.514	112	833540	131.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	317961	136.204	ug/l	99
67) Ethyl Benzene	11.587	91	1452660	133.041	ug/l	97
68) m/p-Xylenes	11.697	106	1143968	265.922	ug/l	92
69) o-Xylene	12.026	106	548266	134.327	ug/l	92
70) Styrene	12.044	104	927527	136.429	ug/l	96
71) Bromoform	12.203	173	216513	147.865	ug/l #	99
73) Isopropylbenzene	12.325	105	1443077	131.093	ug/l	99
74) N-amyl acetate	12.142	43	363484	124.968	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	249521	119.128	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	187009m	114.413	ug/l	
77) Bromobenzene	12.605	156	362422	133.710	ug/l	85
78) n-propylbenzene	12.666	91	1647162	124.689	ug/l	95
79) 2-Chlorotoluene	12.751	91	944354	126.266	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	1192891	129.737	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	96460	125.312	ug/l	85
82) 4-Chlorotoluene	12.855	91	991927	126.979	ug/l	96
83) tert-Butylbenzene	13.074	119	1077769	134.252	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	1185711	131.974	ug/l	97
85) sec-Butylbenzene	13.251	105	1533212	128.238	ug/l	97
86) p-Isopropyltoluene	13.367	119	1303530	130.588	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	690639	131.782	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	697279	132.553	ug/l	98
89) n-Butylbenzene	13.696	91	1184278	127.321	ug/l	97
90) Hexachloroethane	13.958	117	249906	129.570	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	630276	132.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	51581	134.068	ug/l	68
93) 1,2,4-Trichlorobenzene	15.001	180	464754	157.787	ug/l	100
94) Hexachlorobutadiene	15.111	225	246630	153.679	ug/l	98
95) Naphthalene	15.233	128	961549	162.914	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	410652	161.510	ug/l	100

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

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