

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012679.D
 Acq On : 21 Feb 2023 17:09
 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: Feb 22 01:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	201983	141.497	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 283.000%#			
35) Dibromofluoromethane	7.716	113	178409	144.038	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 288.080%#			
50) Toluene-d8	10.179	98	672012	144.818	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 289.640%#			
62) 4-Bromofluorobenzene	12.483	95	219353	147.716	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 295.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	180434	145.206	ug/l	98
3) Chloromethane	2.113	50	208732	148.143	ug/l	99
4) Vinyl Chloride	2.253	62	199425	145.248	ug/l	100
5) Bromomethane	2.637	94	118182	157.169	ug/l	98
6) Chloroethane	2.790	64	122559	140.226	ug/l	98
7) Trichlorofluoromethane	3.125	101	323513	146.175	ug/l	98
8) Diethyl Ether	3.528	74	112950	142.547	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	188432	142.470	ug/l	99
10) Methyl Iodide	4.088	142	257796	148.861	ug/l	100
11) Tert butyl alcohol	4.954	59	81958	524.870	ug/l	99
12) 1,1-Dichloroethene	3.869	96	183620	143.808	ug/l	93
13) Acrolein	3.723	56	141100	715.189	ug/l	99
14) Allyl chloride	4.479	41	355576	143.488	ug/l	97
15) Acrylonitrile	5.155	53	283708	673.005	ug/l	98
16) Acetone	3.942	43	302202	648.792	ug/l	100
17) Carbon Disulfide	4.192	76	597190	138.986	ug/l	99
18) Methyl Acetate	4.472	43	198948	132.589	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	501063	145.890	ug/l	99
20) Methylene Chloride	4.710	84	196839	147.026	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	198015	142.573	ug/l	97
22) Diisopropyl ether	6.119	45	643995	139.268	ug/l	99
23) Vinyl Acetate	6.058	43	2030677	709.048	ug/l	100
24) 1,1-Dichloroethane	6.015	63	363084	141.601	ug/l	99
25) 2-Butanone	6.984	43	413145	668.288	ug/l	100
26) 2,2-Dichloropropane	6.978	77	325824	145.670	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	218497	143.785	ug/l	99
28) Bromochloromethane	7.332	49	145496	141.704	ug/l	95
29) Tetrahydrofuran	7.344	42	256711	680.155	ug/l	99
30) Chloroform	7.508	83	354602	142.725	ug/l	96
31) Cyclohexane	7.783	56	340387	137.253	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	331057	147.193	ug/l	99
36) 1,1-Dichloropropene	7.917	75	291613	148.530	ug/l	99
37) Ethyl Acetate	7.070	43	179466	135.469	ug/l	99
38) Carbon Tetrachloride	7.899	117	306690	151.074	ug/l	98
39) Methylcyclohexane	9.185	83	351578	155.237	ug/l	97
40) Benzene	8.161	78	792938	144.687	ug/l	97

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41) Methacrylonitrile	7.320	41	98160m	152.101	ug/l	
42) 1,2-Dichloroethane	8.234	62	251144	147.785	ug/l	98
43) Isopropyl Acetate	8.271	43	336007	146.774	ug/l	100
44) Trichloroethene	8.941	130	209452	147.822	ug/l	99
45) 1,2-Dichloropropane	9.216	63	203056	144.043	ug/l	97
46) Dibromomethane	9.301	93	111083	142.749	ug/l	98
47) Bromodichloromethane	9.496	83	275173	146.887	ug/l	99
48) Methyl methacrylate	9.289	41	162171	151.807	ug/l	96
49) 1,4-Dioxane	9.295	88	29175m	2958.841	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	871338	705.593	ug/l	100
52) Toluene	10.246	92	481017	148.136	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	296589	151.506	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	329718	148.847	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	150488	142.380	ug/l	98
56) Ethyl methacrylate	10.508	69	222486	154.136	ug/l	99
57) 1,3-Dichloropropane	10.788	76	266224	143.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	543801	721.180	ug/l	99
59) 2-Hexanone	10.831	43	619662	707.829	ug/l	99
60) Dibromochloromethane	10.983	129	190638	148.873	ug/l	99
61) 1,2-Dibromoethane	11.087	107	147724	145.882	ug/l	99
64) Tetrachloroethene	10.721	164	173175	149.005	ug/l	98
65) Chlorobenzene	11.514	112	503854	147.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	188735	148.615	ug/l	99
67) Ethyl Benzene	11.593	91	943108	153.968	ug/l	99
68) m/p-Xylenes	11.703	106	708133	303.057	ug/l	100
69) o-Xylene	12.026	106	331686	153.257	ug/l	98
70) Styrene	12.044	104	561392	154.763	ug/l	99
71) Bromoform	12.209	173	122560	151.240	ug/l #	100
73) Isopropylbenzene	12.331	105	889005	155.473	ug/l	99
74) N-amyl acetate	12.142	43	282638	150.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	178348	138.719	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	133590m	143.241	ug/l	
77) Bromobenzene	12.611	156	204832	149.500	ug/l	98
78) n-propylbenzene	12.672	91	1081679	151.235	ug/l	99
79) 2-Chlorotoluene	12.758	91	596097	150.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	722511	151.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	66756	146.607	ug/l	99
82) 4-Chlorotoluene	12.855	91	620500	150.567	ug/l	99
83) tert-Butylbenzene	13.075	119	631251	154.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	710838	152.236	ug/l	100
85) sec-Butylbenzene	13.251	105	938775	151.277	ug/l	100
86) p-Isopropyltoluene	13.367	119	784586	153.517	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	391372	145.840	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	387292	142.317	ug/l	100
89) n-Butylbenzene	13.696	91	749454	153.122	ug/l	100
90) Hexachloroethane	13.959	117	155642	150.064	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	347691	145.072	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30564	144.622	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	232445	153.351	ug/l	99
94) Hexachlorobutadiene	15.111	225	134482	147.007	ug/l	99
95) Naphthalene	15.239	128	486418	158.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	203495	151.673	ug/l	99

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

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