

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012681.D
 Acq On : 21 Feb 2023 17:56
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY022123

Quant Time: Feb 22 01:29:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 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	116577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	157343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69014	50.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.260%			
35) Dibromofluoromethane	7.716	113	60041	49.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.160%			
50) Toluene-d8	10.179	98	223461	49.251	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.483	95	74380	51.228	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53817	44.903	ug/l	99
3) Chloromethane	2.113	50	68780	47.984	ug/l	99
4) Vinyl Chloride	2.253	62	65974	49.819	ug/l	99
5) Bromomethane	2.650	94	38527	53.121	ug/l	100
6) Chloroethane	2.796	64	42355	50.243	ug/l	93
7) Trichlorofluoromethane	3.125	101	106319	49.806	ug/l	100
8) Diethyl Ether	3.528	74	38580	50.480	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	62706	49.155	ug/l	99
10) Methyl Iodide	4.088	142	84640	50.672	ug/l	99
11) Tert butyl alcohol	4.954	59	35968	238.817	ug/l	100
12) 1,1-Dichloroethene	3.875	96	60056	48.765	ug/l	97
13) Acrolein	3.729	56	50863	267.290	ug/l	98
14) Allyl chloride	4.479	41	118875	49.735	ug/l	97
15) Acrylonitrile	5.161	53	108020	265.667	ug/l	98
16) Acetone	3.948	43	127622	284.067	ug/l	98
17) Carbon Disulfide	4.198	76	198820	47.974	ug/l	99
18) Methyl Acetate	4.473	43	77493	53.545	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	176504	53.281	ug/l	98
20) Methylene Chloride	4.716	84	73310	52.592	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	65945	49.228	ug/l	97
22) Diisopropyl ether	6.119	45	223528	50.117	ug/l	99
23) Vinyl Acetate	6.058	43	739542	267.723	ug/l	100
24) 1,1-Dichloroethane	6.015	63	121973	49.319	ug/l	99
25) 2-Butanone	6.984	43	166093	278.548	ug/l	98
26) 2,2-Dichloropropane	6.984	77	107767	49.953	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	72801	49.670	ug/l	100
28) Bromochloromethane	7.332	49	52801	53.316	ug/l	98
29) Tetrahydrofuran	7.344	42	101411	278.571	ug/l	100
30) Chloroform	7.509	83	118453	49.430	ug/l	97
31) Cyclohexane	7.783	56	112802	47.158	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	109080	50.283	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95305	49.647	ug/l	99
37) Ethyl Acetate	7.070	43	70306	54.277	ug/l	99
38) Carbon Tetrachloride	7.899	117	99794	50.276	ug/l	95
39) Methylcyclohexane	9.185	83	111827	50.500	ug/l	95
40) Benzene	8.161	78	261777	48.853	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29864m	47.337	ug/l	
42) 1,2-Dichloroethane	8.234	62	86297	51.937	ug/l	98
43) Isopropyl Acetate	8.271	43	122125	54.560	ug/l	99
44) Trichloroethene	8.941	130	68507	49.449	ug/l	98
45) 1,2-Dichloropropane	9.216	63	67389	48.892	ug/l	97
46) Dibromomethane	9.301	93	38957	51.201	ug/l	99
47) Bromodichloromethane	9.496	83	91583	49.999	ug/l	97
48) Methyl methacrylate	9.289	41	58755	56.251	ug/l	95
49) 1,4-Dioxane	9.301	88	10870m	936.682	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	335981	278.261	ug/l	99
52) Toluene	10.246	92	159871	50.354	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	98017	51.209	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	111071	51.282	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	53017	51.302	ug/l	95
56) Ethyl methacrylate	10.508	69	77920	55.210	ug/l	99
57) 1,3-Dichloropropane	10.788	76	92327	50.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	197315	264.566	ug/l	100
59) 2-Hexanone	10.831	43	244588	285.744	ug/l	100
60) Dibromochloromethane	10.984	129	64490	51.507	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51044	51.554	ug/l	99
64) Tetrachloroethene	10.721	164	57885	50.584	ug/l	97
65) Chlorobenzene	11.514	112	166150	49.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61679	49.326	ug/l	97
67) Ethyl Benzene	11.593	91	302324	50.127	ug/l	99
68) m/p-Xylenes	11.703	106	233450	101.469	ug/l	98
69) o-Xylene	12.026	106	109978	51.610	ug/l	100
70) Styrene	12.044	104	185481	51.932	ug/l	100
71) Bromoform	12.209	173	43078	53.989	ug/l #	100
73) Isopropylbenzene	12.331	105	291902	49.775	ug/l	99
74) N-amyl acetate	12.142	43	102702	53.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	65664	49.799	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	49805m	50.343	ug/l	
77) Bromobenzene	12.611	156	68749	48.926	ug/l	99
78) n-propylbenzene	12.672	91	359882	49.062	ug/l	100
79) 2-Chlorotoluene	12.758	91	197547	48.476	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	243249	49.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24464	52.386	ug/l	98
82) 4-Chlorotoluene	12.855	91	208739	49.388	ug/l	98
83) tert-Butylbenzene	13.075	119	211473	50.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	239949	50.106	ug/l	100
85) sec-Butylbenzene	13.251	105	316302	49.698	ug/l	99
86) p-Isopropyltoluene	13.367	119	262977	50.172	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	134708	48.945	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134747	48.280	ug/l	99
89) n-Butylbenzene	13.696	91	249206	49.645	ug/l	100
90) Hexachloroethane	13.959	117	51782	48.681	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	121755	49.534	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11788	54.386	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	78071	50.221	ug/l	99
94) Hexachlorobutadiene	15.111	225	45084	48.053	ug/l	99
95) Naphthalene	15.233	128	170560	54.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70943	51.557	ug/l	98

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

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