

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020615.D
 Acq On : 17 Dec 2024 10:51
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 04:52:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	169292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	263162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96289	51.933	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	103.860%	
35) Dibromofluoromethane	7.634	113	94848	51.139	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.280%	
50) Toluene-d8	10.103	98	334601	51.543	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	103.080%	
62) 4-Bromofluorobenzene	12.401	95	126226	49.707	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.420%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	104493	49.416	ug/l	100
3) Chloromethane	2.068	50	72429	46.229	ug/l	100
4) Vinyl Chloride	2.202	62	62750	43.031	ug/l	100
5) Bromomethane	2.598	94	38716	41.303	ug/l	100
6) Chloroethane	2.738	64	35946	39.890	ug/l	100
7) Trichlorofluoromethane	3.061	101	133990	43.913	ug/l	100
8) Diethyl Ether	3.458	74	49218	45.993	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.817	101	102158	46.710	ug/l	100
10) Methyl Iodide	4.006	142	117209	48.135	ug/l	100
11) Tert butyl alcohol	4.860	59	42756	214.068	ug/l	100
12) 1,1-Dichloroethene	3.787	96	99773	47.016	ug/l	100
13) Acrolein	3.653	56	14576	166.258	ug/l	100
14) Allyl chloride	4.384	41	173951	46.780	ug/l	100
15) Acrylonitrile	5.055	53	130861	255.615	ug/l	100
16) Acetone	3.866	43	83206	225.255	ug/l	100
17) Carbon Disulfide	4.104	76	328309	47.529	ug/l	100
18) Methyl Acetate	4.384	43	59224	46.948	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	281609	51.414	ug/l	100
20) Methylene Chloride	4.616	84	104472	45.319	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	120184	50.488	ug/l	100
22) Diisopropyl ether	6.024	45	387073	51.282	ug/l	100
23) Vinyl Acetate	5.963	43	1112368	260.208	ug/l	100
24) 1,1-Dichloroethane	5.915	63	223898	50.635	ug/l	100
25) 2-Butanone	6.896	43	167158	242.593	ug/l	100
26) 2,2-Dichloropropane	6.884	77	200438	47.951	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	138280	50.490	ug/l	100
28) Bromochloromethane	7.244	49	83821	56.199	ug/l	100
29) Tetrahydrofuran	7.262	42	112230	258.011	ug/l	100
30) Chloroform	7.420	83	233357	52.860	ug/l	100
31) Cyclohexane	7.701	56	202782	47.962	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	202760	49.911	ug/l	100
36) 1,1-Dichloropropene	7.835	75	167520	49.533	ug/l	100
37) Ethyl Acetate	6.981	43	78387	49.275	ug/l	100
38) Carbon Tetrachloride	7.817	117	184345	49.267	ug/l	100
39) Methylcyclohexane	9.109	83	219055	49.696	ug/l	100
40) Benzene	8.079	78	489140	49.343	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	40529	48.191	ug/l	100
42) 1,2-Dichloroethane	8.158	62	131640	50.069	ug/l	100
43) Isopropyl Acetate	8.195	43	153226	50.877	ug/l	100
44) Trichloroethene	8.865	130	120552	49.491	ug/l	100
45) 1,2-Dichloropropane	9.140	63	114250	49.313	ug/l	100
46) Dibromomethane	9.231	93	60782	49.642	ug/l	100
47) Bromodichloromethane	9.420	83	166333	50.291	ug/l	100
48) Methyl methacrylate	9.219	41	72602	50.709	ug/l	100
49) 1,4-Dioxane	9.231	88	14069	1001.939	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	393979	247.835	ug/l	100
52) Toluene	10.170	92	307082	49.846	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	158536	51.442	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	185696	50.849	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	79837	49.318	ug/l	100
56) Ethyl methacrylate	10.438	69	121030	51.535	ug/l	100
57) 1,3-Dichloropropane	10.713	76	146053	50.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	226061	228.767	ug/l	100
59) 2-Hexanone	10.761	43	261334	256.048	ug/l	100
60) Dibromochloromethane	10.908	129	110597	51.085	ug/l	100
61) 1,2-Dibromoethane	11.011	107	75811	50.346	ug/l	100
64) Tetrachloroethene	10.645	164	105939	48.065	ug/l	100
65) Chlorobenzene	11.438	112	322053	49.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	111060	49.571	ug/l	100
67) Ethyl Benzene	11.517	91	598896	49.546	ug/l	100
68) m/p-Xylenes	11.627	106	446771	99.408	ug/l	100
69) o-Xylene	11.956	106	210499	50.198	ug/l	100
70) Styrene	11.968	104	351858	50.222	ug/l	100
71) Bromoform	12.133	173	63198	50.171	ug/l #	100
73) Isopropylbenzene	12.255	105	566646	49.914	ug/l	100
74) N-ethyl acetate	12.072	43	138830	52.254	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	92349	50.115	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	67873m	50.656	ug/l	
77) Bromobenzene	12.529	156	123256	49.842	ug/l	100
78) n-propylbenzene	12.596	91	687319	50.251	ug/l	100
79) 2-Chlorotoluene	12.676	91	382511	49.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	463155	50.279	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33360	51.816	ug/l	100
82) 4-Chlorotoluene	12.779	91	397958	49.848	ug/l	100
83) tert-Butylbenzene	12.999	119	418182	50.127	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	459974	50.907	ug/l	100
85) sec-Butylbenzene	13.176	105	610142	50.301	ug/l	100
86) p-Isopropyltoluene	13.291	119	509445	50.941	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	242502	49.677	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	238266	49.281	ug/l	100
89) n-Butylbenzene	13.614	91	487742	51.461	ug/l	100
90) Hexachloroethane	13.883	117	99360	50.134	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	208977	49.409	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14740	49.268	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	131852	51.538	ug/l	100
94) Hexachlorobutadiene	15.029	225	85490	51.117	ug/l	100
95) Naphthalene	15.145	128	229979	52.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	112349	51.976	ug/l	100

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

