

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014200.D
 Acq On : 15 Jun 2023 19:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 02:12:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112134	55.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.460%			
35) Dibromofluoromethane	7.716	113	92972	52.353	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.700%			
50) Toluene-d8	10.179	98	296292	44.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.260%			
62) 4-Bromofluorobenzene	12.483	95	129256	54.806	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	70489	43.772	ug/l	100
3) Chloromethane	2.113	50	94808	46.431	ug/l	100
4) Vinyl Chloride	2.247	62	90599	45.637	ug/l	96
5) Bromomethane	2.644	94	83132	50.753	ug/l	99
6) Chloroethane	2.790	64	63395	46.995	ug/l	97
7) Trichlorofluoromethane	3.119	101	153508	47.597	ug/l	96
8) Diethyl Ether	3.528	74	60243	55.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	79049	48.565	ug/l	98
10) Methyl Iodide	4.082	142	88149	41.013	ug/l	95
11) Tert butyl alcohol	4.948	59	70764	308.591	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	78622	47.655	ug/l	93
13) Acrolein	3.729	56	31559	336.373	ug/l	100
14) Allyl chloride	4.479	41	146059	48.840	ug/l	98
15) Acrylonitrile	5.161	53	175214	315.433	ug/l	98
16) Acetone	3.942	43	161475	266.235	ug/l	98
17) Carbon Disulfide	4.192	76	252496	47.230	ug/l	100
18) Methyl Acetate	4.479	43	139202	59.130	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	287574	59.100	ug/l	99
20) Methylene Chloride	4.710	84	115615	60.459	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	93347	50.729	ug/l	98
22) Diisopropyl ether	6.119	45	335415	58.579	ug/l	95
23) Vinyl Acetate	6.058	43	1027345	304.095	ug/l	100
24) 1,1-Dichloroethane	6.015	63	177331	53.715	ug/l	99
25) 2-Butanone	6.978	43	236211	316.385	ug/l	97
26) 2,2-Dichloropropane	6.978	77	147031	47.418	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	115191	55.960	ug/l	97
28) Bromochloromethane	7.332	49	76710	57.138	ug/l	96
29) Tetrahydrofuran	7.344	42	157273	332.204	ug/l	99
30) Chloroform	7.502	83	198038	56.544	ug/l	99
31) Cyclohexane	7.783	56	125371	46.512	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	159058	50.353	ug/l	98
36) 1,1-Dichloropropene	7.917	75	124960	45.135	ug/l	99
37) Ethyl Acetate	7.076	43	103419	54.138	ug/l	97
38) Carbon Tetrachloride	7.899	117	145476	45.534	ug/l	95
39) Methylcyclohexane	9.185	83	135834	44.220	ug/l	99
40) Benzene	8.161	78	406583	49.387	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	66132m	67.833	ug/l	
42) 1,2-Dichloroethane	8.234	62	153750	52.812	ug/l	99
43) Isopropyl Acetate	8.271	43	190014	56.752	ug/l	99
44) Trichloroethene	8.941	130	104187	47.367	ug/l	97
45) 1,2-Dichloropropane	9.216	63	106514	50.937	ug/l	97
46) Dibromomethane	9.307	93	70237	54.566	ug/l	100
47) Bromodichloromethane	9.496	83	160108	53.124	ug/l	99
48) Methyl methacrylate	9.295	41	89052	57.026	ug/l	99
49) 1,4-Dioxane	9.295	88	20600	1259.502	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	536500	294.943	ug/l	100
52) Toluene	10.246	92	253389	49.651	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	168919	53.241	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	179381	51.819	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	94779	55.514	ug/l	98
56) Ethyl methacrylate	10.508	69	133084	56.514	ug/l	97
57) 1,3-Dichloropropane	10.788	76	162795	55.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	313581	292.510	ug/l	97
59) 2-Hexanone	10.831	43	385126	293.143	ug/l	100
60) Dibromochloromethane	10.984	129	120949	55.350	ug/l	99
61) 1,2-Dibromoethane	11.087	107	93340	55.396	ug/l	100
64) Tetrachloroethene	10.721	164	96292	45.206	ug/l	98
65) Chlorobenzene	11.514	112	284362	47.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	115690	48.983	ug/l	99
67) Ethyl Benzene	11.593	91	493398	46.942	ug/l	100
68) m/p-Xylenes	11.703	106	384575	95.125	ug/l	97
69) o-Xylene	12.032	106	184470	48.262	ug/l	98
70) Styrene	12.044	104	334593	51.290	ug/l	99
71) Bromoform	12.209	173	87459	54.071	ug/l #	99
73) Isopropylbenzene	12.331	105	471597	42.655	ug/l	99
74) N-amyl acetate	12.142	43	182085	51.970	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	121232	49.072	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	93565m	49.207	ug/l	
77) Bromobenzene	12.605	156	133183	45.832	ug/l	98
78) n-propylbenzene	12.672	91	581689	43.075	ug/l	100
79) 2-Chlorotoluene	12.758	91	340976	43.882	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	412168	43.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	43370	49.304	ug/l	99
82) 4-Chlorotoluene	12.855	91	361171	43.862	ug/l	99
83) tert-Butylbenzene	13.075	119	338428	42.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	422327	45.067	ug/l	100
85) sec-Butylbenzene	13.251	105	491678	42.038	ug/l	100
86) p-Isopropyltoluene	13.367	119	427505	42.708	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	252158	45.449	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	251061	44.912	ug/l	99
89) n-Butylbenzene	13.696	91	397558	42.821	ug/l	99
90) Hexachloroethane	13.959	117	85861	43.046	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	233020	46.762	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23194	49.301	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	144617	45.813	ug/l	97
94) Hexachlorobutadiene	15.111	225	80938	44.412	ug/l	96
95) Naphthalene	15.233	128	308391	48.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132473	46.442	ug/l	98

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

