

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014446.D
 Acq On : 26 Jun 2023 19:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 27 01:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	410976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	599156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	558540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	311244	50.000	ug/l	0.00

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 Padoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	266785	52.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.728	113	190971	51.590	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.180%	
50) Toluene-d8	10.185	98	761289	51.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.483	95	271857	51.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	

06/27/2023

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	89186	23.378	ug/l	96
3) Chloromethane	2.113	50	77960	20.882	ug/l	96
4) Vinyl Chloride	2.253	62	95669	23.512	ug/l	100
5) Bromomethane	2.649	94	90814	25.402	ug/l	97
6) Chloroethane	2.796	64	66214	24.567	ug/l	99
7) Trichlorofluoromethane	3.125	101	213785	26.612	ug/l	99
8) Diethyl Ether	3.533	74	62632	25.571	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	96597	25.442	ug/l	94
10) Methyl Iodide	4.094	142	104898	22.578	ug/l	92
11) Tert butyl alcohol	4.960	59	78167	103.179	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	95481	25.219	ug/l	93
13) Acrolein	3.735	56	71210	106.943	ug/l	99
14) Allyl chloride	4.485	41	141690	23.432	ug/l	86
15) Acrylonitrile	5.167	53	171514	125.230	ug/l	99
16) Acetone	3.948	43	154202	96.039	ug/l	100
17) Carbon Disulfide	4.198	76	287125	24.506	ug/l	97
18) Methyl Acetate	4.485	43	131187	23.767	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	323692	27.796	ug/l	94
20) Methylene Chloride	4.722	84	116776	22.081	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	108214	25.994	ug/l	98
22) Diisopropyl ether	6.131	45	298447	24.836	ug/l #	93
23) Vinyl Acetate	6.070	43	946293	154.238	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	180664	25.318	ug/l	99
25) 2-Butanone	6.990	43	224692	112.354	ug/l	98
26) 2,2-Dichloropropane	6.990	77	183149	24.274	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	124388	26.543	ug/l	94
28) Bromochloromethane	7.338	49	79283	25.477	ug/l #	74
29) Tetrahydrofuran	7.356	42	144769	121.403	ug/l #	85
30) Chloroform	7.514	83	218326	27.123	ug/l	95
31) Cyclohexane	7.795	56	151573	24.049	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	210339	27.452	ug/l	97
36) 1,1-Dichloropropene	7.923	75	150890	26.452	ug/l	98
37) Ethyl Acetate	7.082	43	94767	24.106	ug/l #	94
38) Carbon Tetrachloride	7.905	117	202958	28.273	ug/l	97
39) Methylcyclohexane	9.191	83	176750	26.932	ug/l	93
40) Benzene	8.167	78	439711	27.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	58890m	30.227	ug/l	95
42) 1,2-Dichloroethane	8.240	62	176953	28.888	ug/l	95
43) Isopropyl Acetate	8.277	43	178884	25.770	ug/l #	95
44) Trichloroethene	8.947	130	127585	27.505	ug/l	98
45) 1,2-Dichloropropane	9.221	63	99341	26.078	ug/l	95
46) Dibromomethane	9.307	93	70454	27.064	ug/l	93
47) Bromodichloromethane	9.502	83	169890	28.000	ug/l	98
48) Methyl methacrylate	9.295	41	87169	27.037	ug/l	92
49) 1,4-Dioxane	9.301	88	23922	587.699	ug/l #	72
51) 4-Methyl-2-Pentanone	10.075	43	506933	129.392	ug/l	96
52) Toluene	10.246	92	295743	28.449	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	182573	27.754	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	183883	27.100	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	98324	28.206	ug/l	96
56) Ethyl methacrylate	10.514	69	141726	28.468	ug/l	94
57) 1,3-Dichloropropane	10.794	76	160187	27.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	368042	157.824	ug/l #	89
59) 2-Hexanone	10.837	43	376224	127.439	ug/l	96
60) Dibromochloromethane	10.989	129	136481	29.514	ug/l	98
61) 1,2-Dibromoethane	11.093	107	97868	28.198	ug/l	98
64) Tetrachloroethene	10.721	164	138231	29.083	ug/l	96
65) Chlorobenzene	11.520	112	327478	28.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132126	28.585	ug/l	98
67) Ethyl Benzene	11.593	91	581351	28.451	ug/l	98
68) m/p-Xylenes	11.703	106	464206	58.166	ug/l	98
69) o-Xylene	12.032	106	222536	29.304	ug/l	99
70) Styrene	12.044	104	383864	29.493	ug/l	100
71) Bromoform	12.209	173	101030	29.574	ug/l #	100
73) Isopropylbenzene	12.331	105	585596	27.942	ug/l	99
74) N-amyl acetate	12.148	43	172309	25.961	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	118816	26.528	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	88371m	22.634	ug/l	92
77) Bromobenzene	12.611	156	152283	27.946	ug/l	92
78) n-propylbenzene	12.672	91	705109	27.887	ug/l	97
79) 2-Chlorotoluene	12.757	91	401238	27.786	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	522220	28.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44894	26.179	ug/l	94
82) 4-Chlorotoluene	12.855	91	429479	27.919	ug/l	98
83) tert-Butylbenzene	13.074	119	456049	29.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	524003	29.168	ug/l	99
85) sec-Butylbenzene	13.257	105	638886	28.425	ug/l	98
86) p-Isopropyltoluene	13.373	119	572288	29.408	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	304040	28.927	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	306447	29.002	ug/l	100
89) n-Butylbenzene	13.696	91	507678	28.553	ug/l	98
90) Hexachloroethane	13.965	117	103328	27.911	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	280024	29.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27476	27.756	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	188220	30.193	ug/l	100
94) Hexachlorobutadiene	15.111	225	109692	29.293	ug/l	98
95) Naphthalene	15.239	128	403286	30.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	170900	30.108	ug/l	99

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

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

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