

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012180.D
 Acq On : 12 Jan 2023 16:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 00:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98147	46.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.660%		
35) Dibromofluoromethane	7.716	113	92460	49.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.680%		
50) Toluene-d8	10.179	98	341134	46.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.240%		
62) 4-Bromofluorobenzene	12.483	95	126960	49.102	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71545	47.558	ug/l	100
3) Chloromethane	2.113	50	70570	51.609	ug/l	99
4) Vinyl Chloride	2.253	62	84613	46.175	ug/l	98
5) Bromomethane	2.649	94	60045	50.071	ug/l	97
6) Chloroethane	2.796	64	57263	47.167	ug/l	100
7) Trichlorofluoromethane	3.131	101	169970	46.560	ug/l	99
8) Diethyl Ether	3.527	74	57736	51.657	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	94891	50.485	ug/l	96
10) Methyl Iodide	4.094	142	124022	48.673	ug/l	100
11) Tert butyl alcohol	4.948	59	63313	256.881	ug/l	99
12) 1,1-Dichloroethene	3.869	96	88107	47.814	ug/l	98
13) Acrolein	3.729	56	24737	222.976	ug/l	97
14) Allyl chloride	4.478	41	127278	51.238	ug/l	94
15) Acrylonitrile	5.161	53	150828	287.224	ug/l	99
16) Acetone	3.948	43	129229	259.304	ug/l	98
17) Carbon Disulfide	4.198	76	209398	46.831	ug/l	98
18) Methyl Acetate	4.478	43	78264	54.593	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	291820	53.804	ug/l	96
20) Methylene Chloride	4.716	84	112598	53.904	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	98702	48.406	ug/l	93
22) Diisopropyl ether	6.118	45	284664	55.707	ug/l	96
23) Vinyl Acetate	6.057	43	876573	283.473	ug/l	95
24) 1,1-Dichloroethane	6.015	63	176248	51.852	ug/l	98
25) 2-Butanone	6.984	43	182347	277.322	ug/l	93
26) 2,2-Dichloropropane	6.984	77	178337	48.635	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	120459	51.724	ug/l	96
28) Bromochloromethane	7.332	49	46459	54.064	ug/l	87
29) Tetrahydrofuran	7.344	42	114349	297.933	ug/l	91
30) Chloroform	7.508	83	200755	51.813	ug/l	99
31) Cyclohexane	7.783	56	138586	51.928	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	187861	49.919	ug/l	99
36) 1,1-Dichloropropene	7.917	75	137952	48.518	ug/l	98
37) Ethyl Acetate	7.069	43	81157	53.308	ug/l #	97
38) Carbon Tetrachloride	7.899	117	173402	48.049	ug/l	97
39) Methylcyclohexane	9.185	83	163852	48.241	ug/l	97
40) Benzene	8.161	78	410940	49.598	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	48379m	58.429	ug/l	
42) 1,2-Dichloroethane	8.234	62	130722	49.834	ug/l	100
43) Isopropyl Acetate	8.270	43	143610	56.288	ug/l	98
44) Trichloroethene	8.941	130	122691	50.714	ug/l	95
45) 1,2-Dichloropropane	9.215	63	98161	53.173	ug/l	98
46) Dibromomethane	9.307	93	60617	52.160	ug/l	96
47) Bromodichloromethane	9.496	83	155096	52.486	ug/l	98
48) Methyl methacrylate	9.295	41	64642	56.562	ug/l	91
49) 1,4-Dioxane	9.295	88	18684	1161.003	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	400444	294.969	ug/l	96
52) Toluene	10.246	92	274752	50.099	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	159441	51.867	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	175178	52.675	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	91359	54.429	ug/l	99
56) Ethyl methacrylate	10.508	69	124391	56.573	ug/l	96
57) 1,3-Dichloropropane	10.788	76	149945	54.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	222273	276.369	ug/l	95
59) 2-Hexanone	10.831	43	282152	295.984	ug/l	96
60) Dibromochloromethane	10.983	129	117288	52.997	ug/l	100
61) 1,2-Dibromoethane	11.087	107	84702	52.725	ug/l	99
64) Tetrachloroethene	10.721	164	135729	52.784	ug/l	96
65) Chlorobenzene	11.514	112	300240	50.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	117515	50.773	ug/l	98
67) Ethyl Benzene	11.593	91	536194	50.040	ug/l	100
68) m/p-Xylenes	11.703	106	417668	99.380	ug/l	98
69) o-Xylene	12.026	106	201005	50.231	ug/l	99
70) Styrene	12.044	104	346328	50.950	ug/l	99
71) Bromoform	12.209	173	78241	53.203	ug/l #	100
73) Isopropylbenzene	12.331	105	548697	51.106	ug/l	99
74) N-amyl acetate	12.142	43	127486	57.517	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	98765	54.686	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	83211m	53.710	ug/l	
77) Bromobenzene	12.611	156	131126	51.207	ug/l	96
78) n-propylbenzene	12.672	91	636449	50.780	ug/l	99
79) 2-Chlorotoluene	12.757	91	362550	50.569	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	465594	50.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	37740	54.100	ug/l	98
82) 4-Chlorotoluene	12.855	91	377663	50.364	ug/l	99
83) tert-Butylbenzene	13.074	119	409330	50.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	461988	50.682	ug/l	99
85) sec-Butylbenzene	13.251	105	591902	51.039	ug/l	98
86) p-Isopropyltoluene	13.367	119	506658	50.428	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	258082	50.279	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	254278	49.590	ug/l	99
89) n-Butylbenzene	13.696	91	449728	51.654	ug/l	99
90) Hexachloroethane	13.958	117	94395	50.643	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	233364	51.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19133	53.302	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	147320	51.673	ug/l	99
94) Hexachlorobutadiene	15.111	225	87663	50.962	ug/l	98
95) Naphthalene	15.239	128	307577	54.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	128039	51.655	ug/l	99

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

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