

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013567.D
 Acq On : 02 May 2023 19:17
 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 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 03 01:35:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						05/03/2023
1) Pentafluorobenzene	7.783	168	269275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	371021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187104	50.000	ug/l	0.00
System Monitoring Compounds						05/03/2023
33) 1,2-Dichloroethane-d4	8.136	65	157370	53.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.710	113	135673	52.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.179	98	459781	50.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	12.477	95	167305	54.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	133115	51.999	ug/l	99
3) Chloromethane	2.107	50	153407	44.706	ug/l	99
4) Vinyl Chloride	2.247	62	154391	45.188	ug/l	99
5) Bromomethane	2.650	94	119086	43.738	ug/l	97
6) Chloroethane	2.790	64	107110	45.379	ug/l	94
7) Trichlorofluoromethane	3.119	101	259043	50.048	ug/l	100
8) Diethyl Ether	3.521	74	93831	53.236	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	145979	50.281	ug/l	98
10) Methyl Iodide	4.082	142	172186	47.220	ug/l	98
11) Tert butyl alcohol	4.991	59	104582	314.385	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	137588	49.164	ug/l	96
13) Acrolein	3.729	56	66520	258.204	ug/l	93
14) Allyl chloride	4.473	41	259349	49.945	ug/l	97
15) Acrylonitrile	5.161	53	313309	317.403	ug/l	99
16) Acetone	3.954	43	360537	310.148	ug/l	99
17) Carbon Disulfide	4.192	76	428653	47.154	ug/l	99
18) Methyl Acetate	4.479	43	235380	61.307	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	454903	56.305	ug/l	99
20) Methylene Chloride	4.710	84	191272	53.010	ug/l #	88
21) trans-1,2-Dichloroethene	5.216	96	157889	51.600	ug/l	99
22) Diisopropyl ether	6.112	45	550944	54.283	ug/l	93
23) Vinyl Acetate	6.058	43	1832549	318.893	ug/l	97
24) 1,1-Dichloroethane	6.009	63	296556	52.426	ug/l	98
25) 2-Butanone	6.984	43	462848	313.952	ug/l	96
26) 2,2-Dichloropropane	6.972	77	251557	51.609	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	181774	53.767	ug/l	96
28) Bromochloromethane	7.326	49	103919	51.770	ug/l	85
29) Tetrahydrofuran	7.344	42	299088	325.911	ug/l	93
30) Chloroform	7.502	83	311280	55.347	ug/l	100
31) Cyclohexane	7.783	56	246798	46.697	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	272190	54.235	ug/l	98
36) 1,1-Dichloropropene	7.911	75	222704	52.096	ug/l	98
37) Ethyl Acetate	7.070	43	204118	63.450	ug/l	96
38) Carbon Tetrachloride	7.899	117	249199	55.618	ug/l	95
39) Methylcyclohexane	9.179	83	260669	51.724	ug/l	96
40) Benzene	8.155	78	654849	54.382	ug/l	99

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41) Methacrylonitrile	7.307	41	100511m	67.048	ug/l	98
42) 1,2-Dichloroethane	8.234	62	234652	59.604	ug/l	98
43) Isopropyl Acetate	8.271	43	332327	61.203	ug/l	96
44) Trichloroethene	8.935	130	174278	54.409	ug/l	96
45) 1,2-Dichloropropane	9.216	63	173583	55.132	ug/l	100
46) Dibromomethane	9.301	93	110827	58.830	ug/l	96
47) Bromodichloromethane	9.490	83	244798	58.073	ug/l	97
48) Methyl methacrylate	9.289	41	155287	62.270	ug/l	95
49) 1,4-Dioxane	9.313	88	37854	1406.927	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	1013227	334.864	ug/l	97
52) Toluene	10.240	92	404061	55.761	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	259814	58.237	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	279864	55.750	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	147513	59.129	ug/l	95
56) Ethyl methacrylate	10.508	69	218451	63.116	ug/l	90
57) 1,3-Dichloropropane	10.788	76	253404	59.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	360811	278.002	ug/l	95
59) 2-Hexanone	10.831	43	759732	345.410	ug/l	97
60) Dibromochloromethane	10.984	129	182269	60.170	ug/l	99
61) 1,2-Dibromoethane	11.087	107	147136	59.988	ug/l	100
64) Tetrachloroethene	10.715	164	156480	55.464	ug/l	97
65) Chlorobenzene	11.514	112	439920	54.430	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	171897	56.868	ug/l	99
67) Ethyl Benzene	11.593	91	781974	55.098	ug/l	100
68) m/p-Xylenes	11.697	106	589258	109.217	ug/l	97
69) o-Xylene	12.026	106	282069	55.279	ug/l	97
70) Styrene	12.044	104	488495	57.256	ug/l	100
71) Bromoform	12.203	173	130911	61.830	ug/l	100
73) Isopropylbenzene	12.331	105	736460	52.040	ug/l	98
74) N-amyl acetate	12.142	43	291242	57.831	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	199851	57.775	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	147140m	58.312	ug/l	99
77) Bromobenzene	12.605	156	188037	54.836	ug/l	93
78) n-propylbenzene	12.672	91	909535	52.178	ug/l	98
79) 2-Chlorotoluene	12.752	91	511189	52.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	617222	53.436	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	69538	56.372	ug/l	95
82) 4-Chlorotoluene	12.855	91	530252	52.264	ug/l	98
83) tert-Butylbenzene	13.075	119	532319	53.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	618180	55.047	ug/l	99
85) sec-Butylbenzene	13.251	105	780923	51.996	ug/l	99
86) p-Isopropyltoluene	13.367	119	644662	53.376	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	349940	53.566	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	350320	53.085	ug/l	100
89) n-Butylbenzene	13.696	91	607551	51.539	ug/l	98
90) Hexachloroethane	13.959	117	128448	50.531	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	322598	54.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38418	62.886	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	199894	56.832	ug/l	98
94) Hexachlorobutadiene	15.111	225	111219	54.333	ug/l	99
95) Naphthalene	15.233	128	487466	63.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	186514	59.496	ug/l	99

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

05/03/2023
Supervised By :Mahesh
Dadoda

05/03/2023

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