

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013222.D
 Acq On : 07 Apr 2023 18:07
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 08 02:30:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 08 02:16:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	88818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55236	47.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.710	113	45344	48.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.460%		
50) Toluene-d8	10.179	98	170337	51.068	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.477	95	59552	51.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39143	46.208	ug/l	98
3) Chloromethane	2.113	50	54683	51.390	ug/l	96
4) Vinyl Chloride	2.247	62	48395	48.195	ug/l	99
5) Bromomethane	2.643	94	29115	47.354	ug/l	97
6) Chloroethane	2.790	64	33046	42.955	ug/l	99
7) Trichlorofluoromethane	3.119	101	72741	47.415	ug/l	99
8) Diethyl Ether	3.527	74	27609	48.592	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	43460	47.480	ug/l	98
10) Methyl Iodide	4.082	142	51880	50.240	ug/l	96
11) Tert butyl alcohol	4.948	59	46161	229.315	ug/l	97
12) 1,1-Dichloroethene	3.869	96	40133	48.170	ug/l	97
13) Acrolein	3.729	56	24766	236.795	ug/l	98
14) Allyl chloride	4.472	41	82571	48.283	ug/l	94
15) Acrylonitrile	5.155	53	95344	265.206	ug/l	99
16) Acetone	3.948	43	108905	262.484	ug/l	97
17) Carbon Disulfide	4.186	76	115809	47.658	ug/l	100
18) Methyl Acetate	4.472	43	69967	50.263	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	147186	52.173	ug/l	100
20) Methylene Chloride	4.710	84	52896	49.515	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	47915	48.775	ug/l	97
22) Diisopropyl ether	6.112	45	189130	53.208	ug/l	97
23) Vinyl Acetate	6.057	43	605237	270.774	ug/l	100
24) 1,1-Dichloroethane	6.009	63	92591	48.868	ug/l	99
25) 2-Butanone	6.984	43	150709	265.005	ug/l	96
26) 2,2-Dichloropropane	6.978	77	83268	47.549	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	55772	49.885	ug/l	96
28) Bromochloromethane	7.325	49	44369	50.700	ug/l	94
29) Tetrahydrofuran	7.344	42	95946	280.476	ug/l	96
30) Chloroform	7.502	83	94485	48.607	ug/l	99
31) Cyclohexane	7.783	56	75466	46.984	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	83537	48.344	ug/l	97
36) 1,1-Dichloropropene	7.911	75	69259	50.205	ug/l	99
37) Ethyl Acetate	7.069	43	62539	54.019	ug/l	96
38) Carbon Tetrachloride	7.892	117	76874	48.631	ug/l	99
39) Methylcyclohexane	9.179	83	78050	50.865	ug/l	95
40) Benzene	8.155	78	203822	49.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24221m	55.419	ug/l	
42) 1,2-Dichloroethane	8.228	62	73092	51.559	ug/l	97
43) Isopropyl Acetate	8.270	43	107989	53.124	ug/l	96
44) Trichloroethene	8.935	130	50873	48.530	ug/l	91
45) 1,2-Dichloropropane	9.209	63	54410	50.940	ug/l	97
46) Dibromomethane	9.301	93	32999	50.750	ug/l	100
47) Bromodichloromethane	9.490	83	76220	50.170	ug/l	95
48) Methyl methacrylate	9.289	41	48995	54.963	ug/l	92
49) 1,4-Dioxane	9.301	88	9576	1099.742	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	316983	278.284	ug/l	97
52) Toluene	10.240	92	130199	52.527	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	82116	51.632	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	87868	51.380	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	45179	51.452	ug/l	97
56) Ethyl methacrylate	10.508	69	67693	56.445	ug/l	94
57) 1,3-Dichloropropane	10.788	76	77981	51.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	153224	270.137	ug/l	99
59) 2-Hexanone	10.831	43	233271	284.105	ug/l	97
60) Dibromochloromethane	10.977	129	55734	51.159	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43816	51.639	ug/l	99
64) Tetrachloroethene	10.715	164	44679	48.305	ug/l	96
65) Chlorobenzene	11.514	112	140117	50.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54703	50.125	ug/l	99
67) Ethyl Benzene	11.587	91	246915	51.326	ug/l	99
68) m/p-Xylenes	11.697	106	191050	103.837	ug/l	99
69) o-Xylene	12.026	106	90101	52.370	ug/l	99
70) Styrene	12.038	104	157584	53.437	ug/l	99
71) Bromoform	12.203	173	39117	51.520	ug/l #	100
73) Isopropylbenzene	12.325	105	242102	50.265	ug/l	100
74) N-amyl acetate	12.142	43	97367	54.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	62270	50.719	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	43489m	47.606	ug/l	
77) Bromobenzene	12.605	156	60680	50.307	ug/l	99
78) n-propylbenzene	12.666	91	303092	51.298	ug/l	99
79) 2-Chlorotoluene	12.751	91	168569	50.106	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	204059	51.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	23130	52.832	ug/l	95
82) 4-Chlorotoluene	12.849	91	176815	50.388	ug/l	99
83) tert-Butylbenzene	13.074	119	182391	51.902	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	202314	51.943	ug/l	99
85) sec-Butylbenzene	13.251	105	266111	51.475	ug/l	100
86) p-Isopropyltoluene	13.367	119	220293	51.313	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	117592	49.460	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	118269	48.910	ug/l	99
89) n-Butylbenzene	13.696	91	208036	51.136	ug/l	100
90) Hexachloroethane	13.958	117	43633	47.821	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	108336	49.646	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11459	50.182	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	63030	48.258	ug/l	98
94) Hexachlorobutadiene	15.111	225	36915	47.149	ug/l	99
95) Naphthalene	15.233	128	150859	52.320	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60259	49.619	ug/l	99

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

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