

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020078.D
 Acq On : 30 Oct 2024 14:06
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

Quant Time: Oct 30 14:58:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 14:00:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253095	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	448895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	390884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	187639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148301	48.236	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	96.480%	
35) Dibromofluoromethane	7.634	113	137099	49.764	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	99.520%	
50) Toluene-d8	10.103	98	549379	50.479	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.960%	
62) 4-Bromofluorobenzene	12.402	95	179271	51.568	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	103.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	96546	41.057	ug/l	98
3) Chloromethane	2.074	50	172932	43.513	ug/l	98
4) Vinyl Chloride	2.208	62	190844	45.286	ug/l	98
5) Bromomethane	2.598	94	121526	43.068	ug/l	99
6) Chloroethane	2.739	64	122992	45.232	ug/l	96
7) Trichlorofluoromethane	3.062	101	234671	46.283	ug/l	95
8) Diethyl Ether	3.458	74	63745	46.337	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	128941	45.130	ug/l	89
10) Methyl Iodide	4.007	142	130739	49.097	ug/l	# 88
11) Tert butyl alcohol	4.866	59	41694	173.877	ug/l	# 88
12) 1,1-Dichloroethene	3.793	96	124769	46.031	ug/l	# 80
13) Acrolein	3.653	56	62974	226.723	ug/l	98
14) Allyl chloride	4.385	41	231702	48.153	ug/l	# 90
15) Acrylonitrile	5.061	53	147956	237.463	ug/l	98
16) Acetone	3.873	43	176737	253.817	ug/l	# 84
17) Carbon Disulfide	4.110	76	423667	47.120	ug/l	99
18) Methyl Acetate	4.391	43	80236	47.343	ug/l	# 87
19) Methyl tert-butyl Ether	5.122	73	314058	47.812	ug/l	98
20) Methylene Chloride	4.616	84	140465	40.843	ug/l	# 81
21) trans-1,2-Dichloroethene	5.110	96	142767	46.884	ug/l	88
22) Diisopropyl ether	6.019	45	479235	48.598	ug/l	# 89
23) Vinyl Acetate	5.964	43	1333996	245.247	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	270841	46.285	ug/l	96
25) 2-Butanone	6.896	43	226732	237.393	ug/l	# 81
26) 2,2-Dichloropropane	6.884	77	223018	45.779	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	163527	47.495	ug/l	83
28) Bromochloromethane	7.244	49	127689	46.584	ug/l	# 72
29) Tetrahydrofuran	7.262	42	131553	239.719	ug/l	# 82
30) Chloroform	7.421	83	270424	46.805	ug/l	99
31) Cyclohexane	7.701	56	249456	42.730	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	240527	47.868	ug/l	95
36) 1,1-Dichloropropene	7.835	75	201893	46.739	ug/l	93
37) Ethyl Acetate	6.988	43	94588	46.256	ug/l	# 94
38) Carbon Tetrachloride	7.817	117	207365	48.133	ug/l	100
39) Methylcyclohexane	9.110	83	259600	47.915	ug/l	# 87
40) Benzene	8.079	78	594896	47.340	ug/l	97

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41) Methacrylonitrile	7.232	41	53405m	38.864	ug/l	
42) 1,2-Dichloroethane	8.158	62	163735	47.442	ug/l	93
43) Isopropyl Acetate	8.195	43	185022	48.366	ug/l #	78
44) Trichloroethene	8.866	130	137913	47.292	ug/l	86
45) 1,2-Dichloropropane	9.140	63	143501	48.060	ug/l	98
46) Dibromomethane	9.231	93	76956	47.720	ug/l #	88
47) Bromodichloromethane	9.420	83	202425	48.145	ug/l #	98
48) Methyl methacrylate	9.219	41	88629	51.150	ug/l #	81
49) 1,4-Dioxane	9.225	88	15719	979.894	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	491343	251.440	ug/l	87
52) Toluene	10.170	92	373718	49.042	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	180112	49.960	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	217155	50.058	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	96748	48.888	ug/l	94
56) Ethyl methacrylate	10.439	69	141354	52.279	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	176327	48.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	359790	260.896	ug/l	91
59) 2-Hexanone	10.762	43	353785	255.117	ug/l	85
60) Dibromochloromethane	10.908	129	122325	49.155	ug/l	100
61) 1,2-Dibromoethane	11.012	107	87760	47.280	ug/l	100
64) Tetrachloroethene	10.646	164	120168	47.512	ug/l	94
65) Chlorobenzene	11.438	112	388015	47.788	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	124101	48.591	ug/l	99
67) Ethyl Benzene	11.518	91	733155	48.646	ug/l	99
68) m/p-Xylenes	11.627	106	540779	98.423	ug/l	91
69) o-Xylene	11.950	106	253611	48.985	ug/l	91
70) Styrene	11.969	104	427323	50.713	ug/l	95
71) Bromoform	12.133	173	64353	50.623	ug/l #	97
73) Isopropylbenzene	12.255	105	691368	47.317	ug/l	97
74) N-ethyl acetate	12.072	43	172232	50.105	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	117149	45.482	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	80285m	25.625	ug/l	
77) Bromobenzene	12.530	156	139237	47.289	ug/l	82
78) n-propylbenzene	12.591	91	859635	47.031	ug/l	96
79) 2-Chlorotoluene	12.676	91	472269	46.677	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	557869	47.687	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	36981	47.705	ug/l #	84
82) 4-Chlorotoluene	12.780	91	488931	47.584	ug/l	94
83) tert-Butylbenzene	12.993	119	499937	48.831	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	552088	48.105	ug/l	96
85) sec-Butylbenzene	13.176	105	751015	47.676	ug/l	97
86) p-Isopropyltoluene	13.292	119	606962	48.620	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	283109	47.380	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	278979	46.291	ug/l	96
89) n-Butylbenzene	13.615	91	611011	48.906	ug/l	98
90) Hexachloroethane	13.877	117	117887	47.505	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	245799	47.241	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17194	44.817	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	130061	48.854	ug/l	98
94) Hexachlorobutadiene	15.023	225	72977	48.508	ug/l	98
95) Naphthalene	15.145	128	248616	52.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	107931	47.697	ug/l	96

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

