

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019983.D
 Acq On : 22 Oct 2024 16:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/23/2024
 Supervised By :Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:31:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	278257	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	501802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	441828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	222984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170171	49.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.340%		
35) Dibromofluoromethane	7.634	113	161176	48.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.103	98	571315	46.721	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.440%		
62) 4-Bromofluorobenzene	12.402	95	217775	49.288	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	98.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	104457	40.325	ug/l	99
3) Chloromethane	2.068	50	153470	45.521	ug/l	99
4) Vinyl Chloride	2.202	62	185132	49.901	ug/l	98
5) Bromomethane	2.592	94	119138	50.734	ug/l	98
6) Chloroethane	2.733	64	131850	52.902	ug/l	98
7) Trichlorofluoromethane	3.056	101	282743	51.217	ug/l	97
8) Diethyl Ether	3.452	74	87355	52.066	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.812	101	162014	50.455	ug/l	90
10) Methyl Iodide	4.001	142	146975	45.257	ug/l #	88
11) Tert butyl alcohol	4.860	59	69832	251.698	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	141365	47.356	ug/l #	81
13) Acrolein	3.647	56	26758	106.286	ug/l	95
14) Allyl chloride	4.385	41	277382	51.500	ug/l #	90
15) Acrylonitrile	5.055	53	216304	281.866	ug/l	98
16) Acetone	3.867	43	246201	276.045	ug/l #	80
17) Carbon Disulfide	4.104	76	316184	39.517	ug/l	99
18) Methyl Acetate	4.379	43	111172	57.864	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	468610	54.642	ug/l	97
20) Methylene Chloride	4.616	84	177610	53.959	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	157345	48.430	ug/l	88
22) Diisopropyl ether	6.013	45	662000	56.427	ug/l #	89
23) Vinyl Acetate	5.958	43	1848194	274.796	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	353593	54.219	ug/l	96
25) 2-Butanone	6.890	43	332878	278.835	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	292461	50.356	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	207338	51.640	ug/l	81
28) Bromochloromethane	7.244	49	150580	52.459	ug/l #	71
29) Tetrahydrofuran	7.256	42	192936	283.046	ug/l #	83
30) Chloroform	7.421	83	368126	55.375	ug/l	100
31) Cyclohexane	7.701	56	265651	46.404	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	310572	53.308	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	237887	49.865	ug/l	95
37) Ethyl Acetate	6.982	43	136927	55.044	ug/l	96
38) Carbon Tetrachloride	7.811	117	260778	50.991	ug/l	98
39) Methylcyclohexane	9.103	83	290179	48.275	ug/l	87
40) Benzene	8.079	78	735611	50.951	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	86564	64.296	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	221929	53.505	ug/l	93
43) Isopropyl Acetate	8.195	43	272943	53.802	ug/l #	78
44) Trichloroethene	8.866	130	169521	48.479	ug/l	89
45) 1,2-Dichloropropane	9.140	63	190495	52.715	ug/l	96
46) Dibromomethane	9.231	93	102436	51.883	ug/l #	88
47) Bromodichloromethane	9.420	83	282968	53.996	ug/l	99
48) Methyl methacrylate	9.219	41	125161	56.087	ug/l #	80
49) 1,4-Dioxane	9.231	88	24074	1089.436	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	736876	284.769	ug/l	90
52) Toluene	10.170	92	469594	52.107	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	248403	52.681	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	289452	52.024	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	137943	53.030	ug/l	94
56) Ethyl methacrylate	10.432	69	208771	55.933	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	244031	53.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	490943	282.540	ug/l	93
59) 2-Hexanone	10.756	43	532333	288.033	ug/l	86
60) Dibromochloromethane	10.908	129	176136	52.755	ug/l	100
61) 1,2-Dibromoethane	11.012	107	123370	52.484	ug/l	99
64) Tetrachloroethene	10.646	164	146811	46.716	ug/l	95
65) Chlorobenzene	11.438	112	505652	50.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	173041	50.610	ug/l	98
67) Ethyl Benzene	11.518	91	940218	51.218	ug/l	99
68) m/p-Xylenes	11.627	106	685091	101.049	ug/l	89
69) o-Xylene	11.950	106	336370	51.638	ug/l	92
70) Styrene	11.963	104	571052	51.960	ug/l	95
71) Bromoform	12.127	173	93753	51.221	ug/l #	98
73) Isopropylbenzene	12.249	105	919192	49.008	ug/l	98
74) N-amyl acetate	12.066	43	259655	52.269	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.499	83	172361	51.718	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	105938m	24.252	ug/l	
77) Bromobenzene	12.530	156	187480	47.104	ug/l	82
78) n-propylbenzene	12.591	91	1131463	49.925	ug/l	97
79) 2-Chlorotoluene	12.676	91	637378	49.057	ug/l	92
80) 1,3,5-Trimethylbenzene	12.731	105	740259	48.871	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	51735	47.805	ug/l #	79
82) 4-Chlorotoluene	12.774	91	663149	49.917	ug/l	94
83) tert-Butylbenzene	12.993	119	678278	49.986	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	742008	49.409	ug/l	96
85) sec-Butylbenzene	13.170	105	1020719	50.347	ug/l	97
86) p-Isopropyltoluene	13.286	119	822447	49.958	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	388093	48.285	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	372773	47.209	ug/l	96
89) n-Butylbenzene	13.615	91	826685	51.426	ug/l	98
90) Hexachloroethane	13.877	117	159890	49.877	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	342478	48.493	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26174	49.211	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	190358	48.069	ug/l	97
94) Hexachlorobutadiene	15.017	225	101761	46.220	ug/l	97
95) Naphthalene	15.139	128	380013	50.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	161283	48.179	ug/l	96

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

