

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019633.D
 Acq On : 19 Sep 2024 15:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024

Quant Time: Sep 20 01:29:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	355904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	632691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	545078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	264026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179516	54.472	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.940%	
35) Dibromofluoromethane	7.628	113	180956	50.444	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	100.880%	
50) Toluene-d8	10.109	98	663879	50.035	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.060%	
62) 4-Bromofluorobenzene	12.408	95	239584	46.961	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	93.920%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	85096	43.188	ug/l	98
3) Chloromethane	2.068	50	148765	50.521	ug/l	100
4) Vinyl Chloride	2.208	62	177972	55.895	ug/l	98
5) Bromomethane	2.598	94	128475	65.689	ug/l	100
6) Chloroethane	2.739	64	128725	61.843	ug/l	100
7) Trichlorofluoromethane	3.056	101	287798	54.223	ug/l	99
8) Diethyl Ether	3.452	74	96077	53.926	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.812	101	164978	50.246	ug/l	96
10) Methyl Iodide	4.001	142	207139	49.206	ug/l	92
11) Tert butyl alcohol	4.854	59	74672	280.569	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	163056	51.638	ug/l	89
13) Acrolein	3.653	56	21774	165.074	ug/l	98
14) Allyl chloride	4.379	41	290768	51.349	ug/l	# 93
15) Acrylonitrile	5.049	53	207186	269.699	ug/l	98
16) Acetone	3.866	43	206840	263.448	ug/l	# 86
17) Carbon Disulfide	4.104	76	432587	50.705	ug/l	99
18) Methyl Acetate	4.379	43	112661	52.876	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	491231	54.928	ug/l	99
20) Methylene Chloride	4.610	84	193473	54.034	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	188643	54.504	ug/l	93
22) Diisopropyl ether	6.006	45	631016	54.266	ug/l	91
23) Vinyl Acetate	5.952	43	1771738	266.750	ug/l	94
24) 1,1-Dichloroethane	5.909	63	366122	56.110	ug/l	98
25) 2-Butanone	6.890	43	296135	265.200	ug/l	88
26) 2,2-Dichloropropane	6.878	77	319381	54.262	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	237290	56.441	ug/l	90
28) Bromochloromethane	7.238	49	162027	59.017	ug/l	85
29) Tetrahydrofuran	7.256	42	178100	262.321	ug/l	86
30) Chloroform	7.415	83	387358	58.152	ug/l	99
31) Cyclohexane	7.695	56	272979	46.283	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	334930	56.097	ug/l	97
36) 1,1-Dichloropropene	7.829	75	254586	52.156	ug/l	97
37) Ethyl Acetate	6.976	43	125153	50.041	ug/l	96
38) Carbon Tetrachloride	7.811	117	287320	52.198	ug/l	97
39) Methylcyclohexane	9.109	83	300417	46.248	ug/l	92
40) Benzene	8.073	78	803469	53.442	ug/l	99

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41) Methacrylonitrile	7.213	41	66073	45.321	ug/l	92
42) 1,2-Dichloroethane	8.152	62	222184	54.921	ug/l	96
43) Isopropyl Acetate	8.195	43	264669	50.371	ug/l	91
44) Trichloroethene	8.860	130	200767	51.924	ug/l	91
45) 1,2-Dichloropropane	9.140	63	190868	51.930	ug/l	99
46) Dibromomethane	9.225	93	109084	54.272	ug/l	96
47) Bromodichloromethane	9.420	83	294649	54.535	ug/l	99
48) Methyl methacrylate	9.219	41	120223	48.452	ug/l	84
49) 1,4-Dioxane	9.231	88	24954	1054.616	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	662189	250.501	ug/l	93
52) Toluene	10.170	92	515880	53.353	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	262140	50.897	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	310400	51.757	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	147518	53.147	ug/l	96
56) Ethyl methacrylate	10.438	69	212325	50.357	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	252244	52.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	528511	270.066	ug/l	98
59) 2-Hexanone	10.762	43	463052	238.933	ug/l	91
60) Dibromochloromethane	10.908	129	196169	53.427	ug/l	99
61) 1,2-Dibromoethane	11.012	107	135486	52.388	ug/l	99
64) Tetrachloroethene	10.646	164	172927	51.232	ug/l	95
65) Chlorobenzene	11.444	112	575350	53.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	195707	52.718	ug/l	99
67) Ethyl Benzene	11.518	91	1006051	52.808	ug/l	99
68) m/p-Xylenes	11.627	106	760002	105.502	ug/l	94
69) o-Xylene	11.957	106	369556	52.456	ug/l	95
70) Styrene	11.969	104	626674	52.686	ug/l	97
71) Bromoform	12.133	173	107421	50.662	ug/l #	97
73) Isopropylbenzene	12.255	105	977748	51.046	ug/l	99
74) N-amyl acetate	12.072	43	238619	45.806	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	172761	50.815	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	125486m	50.708	ug/l	
77) Bromobenzene	12.530	156	226933	53.419	ug/l	95
78) n-propylbenzene	12.597	91	1152942	50.784	ug/l	99
79) 2-Chlorotoluene	12.682	91	667290	50.435	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	783622	50.324	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	57551	44.644	ug/l	94
82) 4-Chlorotoluene	12.780	91	686908	50.500	ug/l	96
83) tert-Butylbenzene	12.999	119	721600	51.189	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	784591	50.902	ug/l	97
85) sec-Butylbenzene	13.176	105	1028346	50.215	ug/l	99
86) p-Isopropyltoluene	13.292	119	847282	50.569	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	421049	51.007	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	413044	50.419	ug/l	97
89) n-Butylbenzene	13.615	91	793690	49.551	ug/l	99
90) Hexachloroethane	13.883	117	171497	49.192	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	372739	50.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26759	47.226	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	209893	46.849	ug/l	98
94) Hexachlorobutadiene	15.023	225	108438	45.307	ug/l	98
95) Naphthalene	15.145	128	427750	47.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	179344	46.799	ug/l	98

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

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