

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019907.D
 Acq On : 15 Oct 2024 16:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 02:53:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	278455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	509036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	438406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	218951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	188742	55.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.100%			
35) Dibromofluoromethane	7.634	113	177580	52.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.103	98	633167	51.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.402	95	234037	52.215	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	120749	46.582	ug/l	98
3) Chloromethane	2.068	50	166532	49.360	ug/l	98
4) Vinyl Chloride	2.202	62	187582	50.525	ug/l	95
5) Bromomethane	2.598	94	122071	51.946	ug/l	99
6) Chloroethane	2.739	64	130559	52.346	ug/l	97
7) Trichlorofluoromethane	3.062	101	281501	50.956	ug/l	98
8) Diethyl Ether	3.458	74	91908	54.741	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	168540	52.450	ug/l	91
10) Methyl Iodide	4.007	142	162271	49.931	ug/l #	89
11) Tert butyl alcohol	4.866	59	72414	225.445	ug/l #	95
12) 1,1-Dichloroethene	3.787	96	147423	49.350	ug/l #	76
13) Acrolein	3.653	56	40706	161.575	ug/l	96
14) Allyl chloride	4.385	41	290096	53.822	ug/l #	90
15) Acrylonitrile	5.061	53	227464	296.198	ug/l	98
16) Acetone	3.873	43	220793	247.381	ug/l #	81
17) Carbon Disulfide	4.110	76	350145	43.730	ug/l	100
18) Methyl Acetate	4.385	43	122800	63.870	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	481344	56.086	ug/l	97
20) Methylene Chloride	4.622	84	181370	55.079	ug/l #	79
21) trans-1,2-Dichloroethene	5.116	96	170842	52.546	ug/l	86
22) Diisopropyl ether	6.019	45	694612	59.165	ug/l #	91
23) Vinyl Acetate	5.964	43	1905533	283.120	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	366297	56.127	ug/l	95
25) 2-Butanone	6.896	43	323871	271.097	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	284913	49.021	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	220197	54.804	ug/l	84
28) Bromochloromethane	7.250	49	161822	56.335	ug/l #	73
29) Tetrahydrofuran	7.262	42	201567	295.497	ug/l #	82
30) Chloroform	7.421	83	378411	56.881	ug/l	96
31) Cyclohexane	7.701	56	277165	48.381	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	312310	53.568	ug/l	94
36) 1,1-Dichloropropene	7.835	75	245970	50.827	ug/l	93
37) Ethyl Acetate	6.988	43	141371	56.023	ug/l	95
38) Carbon Tetrachloride	7.823	117	266610	51.390	ug/l	98
39) Methylcyclohexane	9.110	83	297975	48.868	ug/l	90
40) Benzene	8.079	78	768320	52.460	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	82549	60.443	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	228719	54.358	ug/l	94
43) Isopropyl Acetate	8.195	43	281744	54.747	ug/l #	78
44) Trichloroethene	8.866	130	178507	50.323	ug/l	90
45) 1,2-Dichloropropane	9.140	63	200452	54.682	ug/l	98
46) Dibromomethane	9.231	93	106397	53.123	ug/l	90
47) Bromodichloromethane	9.420	83	295650	55.614	ug/l	99
48) Methyl methacrylate	9.219	41	129851	57.362	ug/l #	81
49) 1,4-Dioxane	9.231	88	25767	1149.480	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	756916	288.357	ug/l	89
52) Toluene	10.170	92	486464	53.212	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	258391	54.020	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	304030	53.868	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	144242	54.663	ug/l	95
56) Ethyl methacrylate	10.439	69	215157	56.825	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	258949	55.880	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	479206	271.866	ug/l	94
59) 2-Hexanone	10.762	43	518202	276.403	ug/l	87
60) Dibromochloromethane	10.908	129	184915	54.598	ug/l	98
61) 1,2-Dibromoethane	11.012	107	129929	54.489	ug/l	99
64) Tetrachloroethene	10.646	164	156431	50.165	ug/l	94
65) Chlorobenzene	11.438	112	533398	53.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	184639	54.424	ug/l	98
67) Ethyl Benzene	11.518	91	978641	53.727	ug/l	98
68) m/p-Xylenes	11.627	106	711461	105.758	ug/l	91
69) o-Xylene	11.950	106	349349	54.049	ug/l	92
70) Styrene	11.969	104	595397	54.598	ug/l	95
71) Bromoform	12.133	173	98433	54.198	ug/l #	98
73) Isopropylbenzene	12.255	105	939019	50.988	ug/l	98
74) N-amyl acetate	12.066	43	260208	53.345	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	178359	54.504	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	122166m	28.482	ug/l	
77) Bromobenzene	12.530	156	195375	49.992	ug/l	83
78) n-propylbenzene	12.591	91	1146112	51.503	ug/l	98
79) 2-Chlorotoluene	12.676	91	649987	50.949	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	763547	51.337	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	53362	50.216	ug/l #	81
82) 4-Chlorotoluene	12.773	91	667608	51.179	ug/l	94
83) tert-Butylbenzene	12.993	119	671313	50.384	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	763044	51.746	ug/l	95
85) sec-Butylbenzene	13.176	105	1025725	51.525	ug/l	98
86) p-Isopropyltoluene	13.292	119	819675	50.706	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	397304	50.341	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	394530	50.885	ug/l	96
89) n-Butylbenzene	13.615	91	814759	51.618	ug/l	98
90) Hexachloroethane	13.877	117	161345	51.258	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	352376	50.814	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	27317	52.306	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	190254	48.928	ug/l	97
94) Hexachlorobutadiene	15.023	225	102328	47.334	ug/l	97
95) Naphthalene	15.145	128	385320	52.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	161856	49.241	ug/l	97

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

