

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019556.D
 Acq On : 16 Sep 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

Quant Time: Sep 17 02:11:02 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	7.707	168	467131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	776961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	691240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	315322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	214501	49.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.180%		
35) Dibromofluoromethane	7.634	113	222480	50.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.000%		
50) Toluene-d8	10.109	98	816782	50.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.407	95	292842	46.742	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	93.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	122179	47.662	ug/l	99
3) Chloromethane	2.068	50	188290	48.719	ug/l	99
4) Vinyl Chloride	2.208	62	225589	53.980	ug/l	99
5) Bromomethane	2.598	94	156989	61.156	ug/l	99
6) Chloroethane	2.738	64	156730	57.368	ug/l	98
7) Trichlorofluoromethane	3.062	101	380234	54.581	ug/l	96
8) Diethyl Ether	3.458	74	120732	51.629	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	233289	54.134	ug/l	97
10) Methyl Iodide	4.007	142	269768	48.825	ug/l	93
11) Tert butyl alcohol	4.860	59	84232	241.131	ug/l #	77
12) 1,1-Dichloroethene	3.787	96	215935	52.102	ug/l	88
13) Acrolein	3.647	56	34442	202.059	ug/l	99
14) Allyl chloride	4.385	41	375440	50.515	ug/l #	93
15) Acrylonitrile	5.049	53	258348	256.223	ug/l	99
16) Acetone	3.872	43	310279	301.097	ug/l #	86
17) Carbon Disulfide	4.104	76	588302	52.538	ug/l	99
18) Methyl Acetate	4.385	43	127599	45.628	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	613026	52.225	ug/l	97
20) Methylene Chloride	4.616	84	236439	50.311	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	241378	53.135	ug/l	89
22) Diisopropyl ether	6.018	45	786582	51.537	ug/l	96
23) Vinyl Acetate	5.951	43	2300890	263.934	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	460006	53.712	ug/l	97
25) 2-Butanone	6.890	43	392203	267.601	ug/l	89
26) 2,2-Dichloropropane	6.878	77	414991	53.718	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	295198	53.496	ug/l	89
28) Bromochloromethane	7.244	49	202836	56.289	ug/l	87
29) Tetrahydrofuran	7.256	42	218185	244.843	ug/l	88
30) Chloroform	7.414	83	475319	54.367	ug/l	99
31) Cyclohexane	7.701	56	383121	49.491	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	432875	55.239	ug/l	97
36) 1,1-Dichloropropene	7.835	75	332618	55.490	ug/l	98
37) Ethyl Acetate	6.982	43	159153	51.819	ug/l	96
38) Carbon Tetrachloride	7.817	117	379458	56.136	ug/l	98
39) Methylcyclohexane	9.109	83	436474	54.716	ug/l	92
40) Benzene	8.079	78	1007738	54.583	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	90573	50.590	ug/l	90
42) 1,2-Dichloroethane	8.158	62	275451	55.445	ug/l	96
43) Isopropyl Acetate	8.195	43	336394	52.133	ug/l	91
44) Trichloroethene	8.865	130	261707	55.117	ug/l	95
45) 1,2-Dichloropropane	9.140	63	276177	61.187	ug/l	99
46) Dibromomethane	9.231	93	135511	54.901	ug/l	97
47) Bromodichloromethane	9.426	83	365139	55.033	ug/l	97
48) Methyl methacrylate	9.219	41	156290	51.291	ug/l	86
49) 1,4-Dioxane	9.231	88	29309	1008.667	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	828844	255.325	ug/l	92
52) Toluene	10.170	92	654471	55.118	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	365424	57.776	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	437260	59.372	ug/l #	56
55) 1,1,2-Trichloroethane	10.572	97	185500	54.421	ug/l	98
56) Ethyl methacrylate	10.438	69	272664	52.659	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	329910	56.307	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.713	63	656586	273.212	ug/l	99
59) 2-Hexanone	10.761	43	624711	262.493	ug/l	95
60) Dibromochloromethane	10.914	129	250355	55.523	ug/l	99
61) 1,2-Dibromoethane	11.017	107	167194	52.644	ug/l	99
64) Tetrachloroethene	10.646	164	221685	51.789	ug/l	96
65) Chlorobenzene	11.444	112	718733	52.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	248682	52.824	ug/l	99
67) Ethyl Benzene	11.517	91	1288152	53.318	ug/l	99
68) m/p-Xylenes	11.627	106	975511	106.784	ug/l	95
69) o-Xylene	11.956	106	474323	53.091	ug/l	63
70) Styrene	11.969	104	828652	54.935	ug/l #	84
71) Bromoform	12.133	173	141635	52.673	ug/l #	97
73) Isopropylbenzene	12.255	105	1256238	54.916	ug/l	100
74) N-amyl acetate	12.072	43	319481	51.352	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	215294	53.024	ug/l	86
76) 1,2,3-Trichloropropane	12.560	75	139158m	47.085	ug/l	
77) Bromobenzene	12.529	156	275474	54.297	ug/l	91
78) n-propylbenzene	12.596	91	2474749	91.273	ug/l	81
79) 2-Chlorotoluene	12.682	91	855068	54.114	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	1016209	54.644	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	79335	51.531	ug/l	95
82) 4-Chlorotoluene	12.779	91	885306	54.498	ug/l	96
83) tert-Butylbenzene	12.999	119	930427	55.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1001275	54.392	ug/l	97
85) sec-Butylbenzene	13.176	105	1348265	55.127	ug/l	100
86) p-Isopropyltoluene	13.291	119	1114651	55.704	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	543103	55.090	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	535962	54.781	ug/l	97
89) n-Butylbenzene	13.621	91	1062847	55.560	ug/l	99
90) Hexachloroethane	13.883	117	230316	55.317	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	479436	54.498	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34152	50.468	ug/l	86
93) 1,2,4-Trichlorobenzene	14.925	180	501735	93.772	ug/l	97
94) Hexachlorobutadiene	15.023	225	150942	52.807	ug/l	100
95) Naphthalene	15.145	128	543831	50.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	237395	51.870	ug/l	97

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

