

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019476.D
 Acq On : 10 Sep 2024 09:13
 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 : Semsettin Yesilyurt 09/11/2024
 Supervised By : Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 01:46:10 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	580574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	991162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	843312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	395676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286626	53.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.640%			
35) Dibromofluoromethane	7.634	113	298767	53.164	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.320%			
50) Toluene-d8	10.109	98	1123319	54.042	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.080%			
62) 4-Bromofluorobenzene	12.408	95	404737	50.640	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	157740	49.684	ug/l	99
3) Chloromethane	2.074	50	238562	49.665	ug/l	98
4) Vinyl Chloride	2.208	62	281840	54.262	ug/l	99
5) Bromomethane	2.598	94	185295	58.078	ug/l	99
6) Chloroethane	2.739	64	192432	56.673	ug/l	97
7) Trichlorofluoromethane	3.062	101	466751	53.908	ug/l	96
8) Diethyl Ether	3.452	74	149150	51.319	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	279255	52.138	ug/l	97
10) Methyl Iodide	4.007	142	364932	53.143	ug/l	94
11) Tert butyl alcohol	4.866	59	98917	227.839	ug/l	# 77
12) 1,1-Dichloroethene	3.793	96	271933	52.793	ug/l	87
13) Acrolein	3.653	56	45042	213.406	ug/l	94
14) Allyl chloride	4.385	41	483215	52.312	ug/l	# 92
15) Acrylonitrile	5.055	53	306927	244.923	ug/l	98
16) Acetone	3.866	43	364595	284.673	ug/l	# 85
17) Carbon Disulfide	4.110	76	770515	55.365	ug/l	99
18) Methyl Acetate	4.385	43	150025	43.164	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	743857	50.988	ug/l	99
20) Methylene Chloride	4.616	84	301503	51.620	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	302599	53.596	ug/l	92
22) Diisopropyl ether	6.018	45	992268	52.311	ug/l	94
23) Vinyl Acetate	5.957	43	2846336	262.704	ug/l	95
24) 1,1-Dichloroethane	5.915	63	568886	53.446	ug/l	97
25) 2-Butanone	6.890	43	474366	260.419	ug/l	88
26) 2,2-Dichloropropane	6.884	77	522888	54.460	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	368170	53.683	ug/l	90
28) Bromochloromethane	7.244	49	242883	54.232	ug/l	86
29) Tetrahydrofuran	7.262	42	261032	235.688	ug/l	87
30) Chloroform	7.421	83	585154	53.852	ug/l	99
31) Cyclohexane	7.701	56	484174	50.323	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	531336	54.555	ug/l	98
36) 1,1-Dichloropropene	7.835	75	417964	54.659	ug/l	96
37) Ethyl Acetate	6.982	43	192285	49.077	ug/l	96
38) Carbon Tetrachloride	7.817	117	463455	53.745	ug/l	99
39) Methylcyclohexane	9.109	83	539959	53.061	ug/l	91
40) Benzene	8.079	78	1256313	53.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	117176	51.305	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	333734	52.659	ug/l	98
43) Isopropyl Acetate	8.195	43	403577	49.029	ug/l	91
44) Trichloroethene	8.866	130	321102	53.011	ug/l	95
45) 1,2-Dichloropropane	9.140	63	300157	52.129	ug/l	99
46) Dibromomethane	9.231	93	164292	52.177	ug/l	97
47) Bromodichloromethane	9.426	83	448658	53.007	ug/l	99
48) Methyl methacrylate	9.219	41	190390	48.979	ug/l #	84
49) 1,4-Dioxane	9.237	88	33606	906.605	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	993138	239.820	ug/l	92
52) Toluene	10.176	92	817796	53.988	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	422030	52.305	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	490991	52.260	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	219666	50.517	ug/l	97
56) Ethyl methacrylate	10.438	69	331741	50.223	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	380020	50.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	739842	241.324	ug/l	98
59) 2-Hexanone	10.762	43	773480	254.766	ug/l	89
60) Dibromochloromethane	10.914	129	299238	52.022	ug/l	99
61) 1,2-Dibromoethane	11.018	107	202041	49.868	ug/l	100
64) Tetrachloroethene	10.652	164	270865	51.868	ug/l	97
65) Chlorobenzene	11.444	112	880805	53.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	300517	52.323	ug/l	98
67) Ethyl Benzene	11.524	91	1583483	53.723	ug/l	99
68) m/p-Xylenes	11.633	106	1204317	108.058	ug/l	96
69) o-Xylene	11.956	106	576594	52.900	ug/l	96
70) Styrene	11.975	104	981833	53.353	ug/l	96
71) Bromoform	12.133	173	166412	50.728	ug/l #	98
73) Isopropylbenzene	12.255	105	1538800	53.607	ug/l	100
74) N-amyl acetate	12.072	43	389038	49.833	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	250670	49.199	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	166053m	44.775	ug/l	
77) Bromobenzene	12.536	156	332446	52.219	ug/l	92
78) n-propylbenzene	12.597	91	1829897	53.784	ug/l	100
79) 2-Chlorotoluene	12.682	91	1055020	53.209	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	1249585	53.548	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	92556	47.910	ug/l	95
82) 4-Chlorotoluene	12.779	91	1069998	52.491	ug/l	97
83) tert-Butylbenzene	12.999	119	1112235	52.648	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	1226706	53.105	ug/l	98
85) sec-Butylbenzene	13.176	105	1638080	53.375	ug/l	100
86) p-Isopropyltoluene	13.298	119	1349676	53.751	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	652318	52.731	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	639680	52.104	ug/l	97
89) n-Butylbenzene	13.621	91	1288964	53.697	ug/l	99
90) Hexachloroethane	13.883	117	277840	53.179	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	573587	51.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	39413	46.415	ug/l	87
93) 1,2,4-Trichlorobenzene	14.925	180	336065	50.054	ug/l	98
94) Hexachlorobutadiene	15.023	225	185336	51.672	ug/l	98
95) Naphthalene	15.145	128	630727	46.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	279686	48.700	ug/l	98

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

