

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019689.D
 Acq On : 25 Sep 2024 11:19
 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

09/26/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 26 03:55:51 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	396829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	672838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	276659	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	197905	53.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.720%	
35) Dibromofluoromethane	7.634	113	206737	54.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.109	98	744428	52.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.408	95	273277	50.369	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.740%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	96029	43.764	ug/l	99
3) Chloromethane	2.074	50	147469	44.916	ug/l	100
4) Vinyl Chloride	2.208	62	184295	51.911	ug/l	100
5) Bromomethane	2.598	94	133203	61.083	ug/l	98
6) Chloroethane	2.739	64	135298	58.297	ug/l	99
7) Trichlorofluoromethane	3.062	101	326864	55.232	ug/l	97
8) Diethyl Ether	3.452	74	102791	51.744	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	195679	53.451	ug/l	98
10) Methyl Iodide	4.007	142	221800	47.255	ug/l	92
11) Tert butyl alcohol	4.866	59	76540	257.928	ug/l #	78
12) 1,1-Dichloroethene	3.793	96	182421	51.813	ug/l	90
13) Acrolein	3.653	56	23768	161.289	ug/l	96
14) Allyl chloride	4.385	41	306643	48.567	ug/l #	93
15) Acrylonitrile	5.061	53	224234	261.788	ug/l	99
16) Acetone	3.867	43	240860	275.140	ug/l #	85
17) Carbon Disulfide	4.104	76	452154	47.533	ug/l	98
18) Methyl Acetate	4.385	43	113830	47.915	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	532409	53.393	ug/l	98
20) Methylene Chloride	4.616	84	204678	51.268	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	202873	52.571	ug/l	90
22) Diisopropyl ether	6.013	45	675294	52.084	ug/l	92
23) Vinyl Acetate	5.958	43	1918931	259.116	ug/l	94
24) 1,1-Dichloroethane	5.915	63	389567	53.545	ug/l	98
25) 2-Butanone	6.890	43	317226	254.790	ug/l #	88
26) 2,2-Dichloropropane	6.884	77	363235	55.349	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	254138	54.214	ug/l	90
28) Bromochloromethane	7.244	49	169870	55.492	ug/l	87
29) Tetrahydrofuran	7.256	42	188595	249.131	ug/l	88
30) Chloroform	7.421	83	413023	55.611	ug/l	97
31) Cyclohexane	7.701	56	310836	47.267	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	371101	55.745	ug/l	96
36) 1,1-Dichloropropene	7.835	75	280777	54.090	ug/l	97
37) Ethyl Acetate	6.982	43	131516	49.448	ug/l	98
38) Carbon Tetrachloride	7.817	117	322387	55.074	ug/l	98
39) Methylcyclohexane	9.110	83	352980	51.097	ug/l	92
40) Benzene	8.079	78	850914	53.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	84674	54.614	ug/l	# 79
42) 1,2-Dichloroethane	8.158	62	240949	56.005	ug/l	97
43) Isopropyl Acetate	8.195	43	280052	50.118	ug/l	91
44) Trichloroethene	8.866	130	220761	53.688	ug/l	97
45) 1,2-Dichloropropane	9.140	63	208135	53.249	ug/l	98
46) Dibromomethane	9.231	93	115771	54.162	ug/l	97
47) Bromodichloromethane	9.427	83	317091	55.187	ug/l	99
48) Methyl methacrylate	9.219	41	128690	48.769	ug/l	87
49) 1,4-Dioxane	9.231	88	25988	1032.781	ug/l	# 97
51) 4-Methyl-2-Pentanone	10.000	43	709959	252.547	ug/l	93
52) Toluene	10.170	92	559064	54.369	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	288655	52.701	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	334524	52.451	ug/l	# 88
55) 1,1,2-Trichloroethane	10.573	97	158362	53.649	ug/l	98
56) Ethyl methacrylate	10.439	69	235146	52.441	ug/l	# 84
57) 1,3-Dichloropropane	10.719	76	270981	53.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	551798	265.141	ug/l	99
59) 2-Hexanone	10.762	43	518056	251.364	ug/l	91
60) Dibromochloromethane	10.914	129	214255	54.871	ug/l	99
61) 1,2-Dibromoethane	11.018	107	145196	52.792	ug/l	99
64) Tetrachloroethene	10.646	164	189287	53.694	ug/l	95
65) Chlorobenzene	11.444	112	619247	55.299	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	217527	56.104	ug/l	97
67) Ethyl Benzene	11.524	91	1100038	55.286	ug/l	99
68) m/p-Xylenes	11.633	106	827557	109.994	ug/l	94
69) o-Xylene	11.957	106	399186	54.253	ug/l	94
70) Styrene	11.975	104	677722	54.554	ug/l	96
71) Bromoform	12.133	173	120604	54.460	ug/l	# 96
73) Isopropylbenzene	12.255	105	1081148	53.867	ug/l	99
74) N-amyl acetate	12.072	43	273894	50.177	ug/l	# 89
75) 1,1,2,2-Tetrachloroethane	12.511	83	186087	52.235	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	119094m	45.927	ug/l	
77) Bromobenzene	12.536	156	235302	52.860	ug/l	92
78) n-propylbenzene	12.597	91	1274595	53.579	ug/l	100
79) 2-Chlorotoluene	12.682	91	728621	52.556	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	872871	53.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	63496	47.007	ug/l	91
82) 4-Chlorotoluene	12.780	91	747204	52.424	ug/l	97
83) tert-Butylbenzene	12.999	119	802267	54.312	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	869380	53.827	ug/l	97
85) sec-Butylbenzene	13.176	105	1154875	53.818	ug/l	100
86) p-Isopropyltoluene	13.292	119	962913	54.846	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	471709	54.535	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	464301	54.088	ug/l	97
89) n-Butylbenzene	13.621	91	922714	54.975	ug/l	99
90) Hexachloroethane	13.883	117	193646	53.009	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	417195	54.050	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30249	50.947	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	257040	54.753	ug/l	97
94) Hexachlorobutadiene	15.023	225	136493	54.425	ug/l	98
95) Naphthalene	15.145	128	529972	56.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	217171	54.083	ug/l	98

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

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