

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019687.D
 Acq On : 24 Sep 2024 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

Quant Time: Sep 25 01:27:54 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	167652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	477879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	454361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	186981	120.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 240.880%#			
35) Dibromofluoromethane	7.628	113	176104	64.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.000%			
50) Toluene-d8	10.103	98	546381	54.519	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.040%			
62) 4-Bromofluorobenzene	12.408	95	198009	51.385	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	44305	48.203	ug/l	100
3) Chloromethane	2.068	50	21041	15.169	ug/l	# 85
4) Vinyl Chloride	2.208	62	83454	55.640	ug/l	99
5) Bromomethane	2.598	94	2608	2.831	ug/l	84
6) Chloroethane	2.739	64	83645	85.308	ug/l	99
7) Trichlorofluoromethane	3.062	101	158310	63.318	ug/l	92
8) Diethyl Ether	3.452	74	99395	118.432	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	96547	62.423	ug/l	98
10) Methyl Iodide	4.001	142	2334	1.177	ug/l	94
11) Tert butyl alcohol	4.854	59	76381	609.243	ug/l	# 79
12) 1,1-Dichloroethene	3.787	96	93764	63.037	ug/l	89
14) Allyl chloride	4.379	41	92888	34.823	ug/l	# 90
15) Acrylonitrile	5.110	53	5324	14.712	ug/l	# 25
16) Acetone	3.866	43	199726	540.031	ug/l	# 86
17) Carbon Disulfide	4.104	76	176007	43.796	ug/l	100
18) Methyl Acetate	4.379	43	490260	488.468	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	510718	121.231	ug/l	98
20) Methylene Chloride	4.610	84	185261	109.839	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	99681	61.140	ug/l	86
22) Diisopropyl ether	6.012	45	596004	108.807	ug/l	95
24) 1,1-Dichloroethane	5.909	63	300041	97.615	ug/l	96
25) 2-Butanone	6.890	43	21616	41.094	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	189365	95.618	ug/l	98
28) Bromochloromethane	7.244	49	151174	116.893	ug/l	87
29) Tetrahydrofuran	7.256	42	189815	593.504	ug/l	89
30) Chloroform	7.415	83	336343	107.192	ug/l	100
31) Cyclohexane	7.701	56	145793	52.475	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	235673	83.796	ug/l	97
36) 1,1-Dichloropropene	7.835	75	141592	38.405	ug/l	96
37) Ethyl Acetate	6.890	43	21616	11.443	ug/l	# 1
38) Carbon Tetrachloride	7.817	117	185760	44.680	ug/l	99
39) Methylcyclohexane	9.109	83	169987	34.646	ug/l	91
40) Benzene	8.079	78	611621	53.861	ug/l	100
41) Methacrylonitrile	7.256	41	107716	97.820	ug/l	# 35
42) 1,2-Dichloroethane	8.152	62	219861	71.952	ug/l	96
43) Isopropyl Acetate	8.055	43	10670	2.689	ug/l	# 40

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.866	130	137487	47.077	ug/l	95
45) 1,2-Dichloropropane	9.140	63	179130	64.524	ug/l	99
46) Dibromomethane	9.231	93	112106	73.844	ug/l	96
47) Bromodichloromethane	9.420	83	280564	68.750	ug/l	97
48) Methyl methacrylate	9.219	41	126129	67.299	ug/l	85
49) 1,4-Dioxane	9.231	88	27943	1563.511	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	308342	154.431	ug/l	92
52) Toluene	10.170	92	401055	54.914	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	45810	11.776	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	44103	9.736	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	151316	72.175	ug/l	99
57) 1,3-Dichloropropane	10.719	76	254931	70.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	483680	327.225	ug/l	99
59) 2-Hexanone	10.762	43	18284	12.491	ug/l	87
60) Dibromochloromethane	10.908	129	197776	71.314	ug/l	98
61) 1,2-Dibromoethane	11.012	107	133247	68.213	ug/l	99
64) Tetrachloroethene	10.646	164	163177	57.995	ug/l	95
65) Chlorobenzene	11.438	112	447122	50.027	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	187470	60.582	ug/l	98
67) Ethyl Benzene	11.518	91	730412	45.994	ug/l	100
68) m/p-Xylenes	11.627	106	531518	88.516	ug/l	94
69) o-Xylene	11.950	106	308968	52.613	ug/l	95
70) Styrene	11.956	104	20412	2.059	ug/l #	1
71) Bromoform	12.133	173	113022	63.946	ug/l #	95
73) Isopropylbenzene	12.255	105	670605	51.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	170843	74.025	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	103189m	61.425	ug/l	
77) Bromobenzene	12.530	156	184759	64.068	ug/l	94
78) n-propylbenzene	12.597	91	703200	45.628	ug/l	99
79) 2-Chlorotoluene	12.682	91	502244	55.920	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	563197	53.280	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.255	75	8469	9.678	ug/l #	55
82) 4-Chlorotoluene	12.780	91	432280	46.816	ug/l	96
83) tert-Butylbenzene	12.999	119	500796	52.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	572766	54.740	ug/l	96
85) sec-Butylbenzene	13.176	105	632365	45.488	ug/l	100
86) p-Isopropyltoluene	13.292	119	231243	20.331	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	280228	50.009	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	262723	47.243	ug/l	97
89) n-Butylbenzene	13.615	91	337816	31.068	ug/l	99
90) Hexachloroethane	13.877	117	136595	57.718	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	318186	63.632	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29438	76.534	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	126014	41.434	ug/l	98
94) Hexachlorobutadiene	15.023	225	52936	32.582	ug/l	98
95) Naphthalene	15.145	128	1470716	241.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	145591	55.966	ug/l	97

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

