

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019675.D
 Acq On : 24 Sep 2024 12:07
 Operator : SY/MD
 Sample : VY0924SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 01:23:23 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	373910	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	673397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	565696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	256192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	184156	53.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	106.380%		
35) Dibromofluoromethane	7.634	113	185473	48.578	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.160%		
50) Toluene-d8	10.109	98	667458	47.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.407	95	234831	43.247	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	86.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	48311	21.288	ug/l	99
3) Chloromethane	2.074	50	62927	20.341	ug/l	98
4) Vinyl Chloride	2.208	62	72897	21.792	ug/l	98
5) Bromomethane	2.598	94	53383	25.980	ug/l	100
6) Chloroethane	2.738	64	51038	23.339	ug/l	96
7) Trichlorofluoromethane	3.055	101	118846	21.313	ug/l	95
8) Diethyl Ether	3.451	74	39276	20.983	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.817	101	69115	20.036	ug/l	98
10) Methyl Iodide	4.006	142	80842	18.279	ug/l	93
11) Tert butyl alcohol	4.866	59	34195	122.295	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	64661	19.491	ug/l	# 83
13) Acrolein	3.647	56	2839	7.173	ug/l	90
14) Allyl chloride	4.384	41	107598	18.086	ug/l	93
15) Acrylonitrile	5.061	53	87001	107.798	ug/l	99
16) Acetone	3.866	43	68085	82.542	ug/l	# 85
17) Carbon Disulfide	4.110	76	150035	16.739	ug/l	97
18) Methyl Acetate	4.384	43	54423	24.313	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	201624	21.459	ug/l	100
20) Methylene Chloride	4.616	84	81478	21.660	ug/l	87
21) trans-1,2-Dichloroethene	5.116	96	74021	20.357	ug/l	96
22) Diisopropyl ether	6.012	45	252200	20.644	ug/l	91
23) Vinyl Acetate	5.957	43	612430	87.766	ug/l	95
24) 1,1-Dichloroethane	5.908	63	144611	21.095	ug/l	98
25) 2-Butanone	6.896	43	110786	94.435	ug/l	89
26) 2,2-Dichloropropane	6.884	77	106533	17.228	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	96238	21.788	ug/l	93
28) Bromochloromethane	7.244	49	57001	19.762	ug/l	87
29) Tetrahydrofuran	7.262	42	74556	104.524	ug/l	88
30) Chloroform	7.414	83	155798	22.263	ug/l	97
31) Cyclohexane	7.701	56	109652	17.696	ug/l	93
32) 1,1,1-Trichloroethane	7.615	97	134750	21.482	ug/l	97
36) 1,1-Dichloropropene	7.835	75	98338	18.928	ug/l	98
37) Ethyl Acetate	6.987	43	53014	19.916	ug/l	98
38) Carbon Tetrachloride	7.817	117	115206	19.664	ug/l	100
39) Methylcyclohexane	9.109	83	119203	17.241	ug/l	92
40) Benzene	8.079	78	314333	19.644	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32271	20.797	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	91926	21.349	ug/l	96
43) Isopropyl Acetate	8.195	43	106344	19.016	ug/l	93
44) Trichloroethene	8.865	130	80993	19.681	ug/l	99
45) 1,2-Dichloropropane	9.146	63	78608	20.094	ug/l	98
46) Dibromomethane	9.231	93	45151	21.106	ug/l	93
47) Bromodichloromethane	9.426	83	119228	20.733	ug/l	99
48) Methyl methacrylate	9.225	41	49437	18.719	ug/l	86
49) 1,4-Dioxane	9.231	88	10947	434.680	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	275886	98.057	ug/l	93
52) Toluene	10.170	92	201802	19.609	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	99859	18.216	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	115722	18.129	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	60953	20.632	ug/l	97
56) Ethyl methacrylate	10.438	69	84540	18.838	ug/l #	81
57) 1,3-Dichloropropane	10.718	76	102554	20.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	189915	91.179	ug/l	100
59) 2-Hexanone	10.761	43	182416	88.436	ug/l	90
60) Dibromochloromethane	10.914	129	79195	20.265	ug/l	100
61) 1,2-Dibromoethane	11.017	107	56011	20.348	ug/l	99
64) Tetrachloroethene	10.651	164	79535	22.704	ug/l	94
65) Chlorobenzene	11.444	112	224427	20.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	78353	20.337	ug/l	98
67) Ethyl Benzene	11.517	91	397564	20.108	ug/l	99
68) m/p-Xylenes	11.627	106	295018	39.461	ug/l	94
69) o-Xylene	11.956	106	145386	19.885	ug/l	95
70) Styrene	11.968	104	243512	19.726	ug/l	97
71) Bromoform	12.133	173	43700	19.859	ug/l #	98
73) Isopropylbenzene	12.255	105	385659	20.750	ug/l	100
74) N-amyl acetate	12.072	43	89580	17.722	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	69774	21.151	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	52964m	22.057	ug/l	
77) Bromobenzene	12.535	156	85421	20.723	ug/l	92
78) n-propylbenzene	12.596	91	448650	20.366	ug/l	100
79) 2-Chlorotoluene	12.682	91	262406	20.440	ug/l	96
80) 1,3,5-Trimethylbenzene	12.736	105	309166	20.462	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	19467	15.563	ug/l #	86
82) 4-Chlorotoluene	12.779	91	269707	20.435	ug/l	97
83) tert-Butylbenzene	12.999	119	286098	20.916	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	299674	20.036	ug/l	98
85) sec-Butylbenzene	13.175	105	413438	20.806	ug/l	98
86) p-Isopropyltoluene	13.291	119	320827	19.734	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	164185	20.498	ug/l	98
88) 1,4-Dichlorobenzene	13.370	146	162360	20.425	ug/l	96
89) n-Butylbenzene	13.614	91	294560	18.952	ug/l	99
90) Hexachloroethane	13.876	117	69097	20.426	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	146126	20.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11058	20.113	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	74936	17.238	ug/l	97
94) Hexachlorobutadiene	15.023	225	43760	18.843	ug/l	99
95) Naphthalene	15.145	128	158136	18.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	67664	18.197	ug/l	97

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

