

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019885.D
 Acq On : 14 Oct 2024 12:18
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

Quant Time: Oct 15 01:34:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	289295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	513238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	439692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	194881	54.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.420%	
35) Dibromofluoromethane	7.634	113	183442	54.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.103	98	653656	52.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.401	95	232768	51.507	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	49823	18.500	ug/l	97
3) Chloromethane	2.068	50	66467	18.963	ug/l	100
4) Vinyl Chloride	2.202	62	70806	18.357	ug/l	98
5) Bromomethane	2.592	94	47737	19.553	ug/l	96
6) Chloroethane	2.738	64	49763	19.204	ug/l	94
7) Trichlorofluoromethane	3.062	101	108545	18.912	ug/l	98
8) Diethyl Ether	3.458	74	34351	19.693	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.811	101	63509	19.024	ug/l	92
10) Methyl Iodide	4.007	142	61618	18.249	ug/l	92
11) Tert butyl alcohol	4.866	59	36968	110.779	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	56853	18.319	ug/l #	80
13) Acrolein	3.653	56	26366	100.733	ug/l	92
14) Allyl chloride	4.384	41	108345	19.348	ug/l #	90
15) Acrylonitrile	5.061	53	87355	109.489	ug/l	98
16) Acetone	3.878	43	91504	98.682	ug/l #	81
17) Carbon Disulfide	4.104	76	129094	15.519	ug/l	99
18) Methyl Acetate	4.391	43	48048	24.054	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	184107	20.648	ug/l	99
20) Methylene Chloride	4.616	84	76106	21.758	ug/l #	82
21) trans-1,2-Dichloroethene	5.122	96	63449	18.784	ug/l	88
22) Diisopropyl ether	6.024	45	259597	21.283	ug/l #	89
23) Vinyl Acetate	5.963	43	710353	101.588	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	140400	20.707	ug/l	95
25) 2-Butanone	6.896	43	130706	105.308	ug/l	89
26) 2,2-Dichloropropane	6.890	77	113064	18.725	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	83985	20.120	ug/l	84
28) Bromochloromethane	7.244	49	66541	22.297	ug/l #	72
29) Tetrahydrofuran	7.262	42	75025	105.866	ug/l #	83
30) Chloroform	7.421	83	143205	20.719	ug/l	100
31) Cyclohexane	7.701	56	104479	17.554	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	119909	19.796	ug/l	94
36) 1,1-Dichloropropene	7.835	75	91946	18.844	ug/l	96
37) Ethyl Acetate	6.988	43	52505	20.637	ug/l	99
38) Carbon Tetrachloride	7.817	117	100977	19.304	ug/l	99
39) Methylcyclohexane	9.109	83	104547	17.005	ug/l #	87
40) Benzene	8.079	78	292689	19.821	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31638	22.976	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	88951	20.967	ug/l	94
43) Isopropyl Acetate	8.201	43	110725	21.339	ug/l #	86
44) Trichloroethene	8.865	130	67677	18.923	ug/l	92
45) 1,2-Dichloropropane	9.140	63	76949	20.819	ug/l	92
46) Dibromomethane	9.231	93	41471	20.537	ug/l	88
47) Bromodichloromethane	9.426	83	111020	20.713	ug/l	98
48) Methyl methacrylate	9.219	41	47418	20.775	ug/l #	80
49) 1,4-Dioxane	9.237	88	9056	400.686	ug/l #	74
51) 4-Methyl-2-Pentanone	9.999	43	283124	106.977	ug/l	89
52) Toluene	10.170	92	181019	19.639	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	95397	19.781	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	111589	19.609	ug/l #	84
55) 1,1,2-Trichloroethane	10.566	97	54930	20.646	ug/l	98
56) Ethyl methacrylate	10.438	69	79184	20.742	ug/l #	77
57) 1,3-Dichloropropane	10.713	76	96400	20.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	185419	104.332	ug/l	93
59) 2-Hexanone	10.755	43	197266	104.358	ug/l	86
60) Dibromochloromethane	10.908	129	68773	20.139	ug/l	100
61) 1,2-Dibromoethane	11.011	107	49222	20.474	ug/l	98
64) Tetrachloroethene	10.646	164	58233	18.620	ug/l	90
65) Chlorobenzene	11.438	112	200308	19.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	68216	20.048	ug/l	99
67) Ethyl Benzene	11.517	91	353039	19.325	ug/l	100
68) m/p-Xylenes	11.627	106	259242	38.423	ug/l	90
69) o-Xylene	11.950	106	127310	19.639	ug/l	90
70) Styrene	11.968	104	219566	20.076	ug/l	96
71) Bromoform	12.127	173	36675	20.134	ug/l #	98
73) Isopropylbenzene	12.255	105	341906	19.191	ug/l	98
74) N-amyl acetate	12.066	43	94364	19.998	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	67014	21.169	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	55075m	13.273	ug/l	
77) Bromobenzene	12.529	156	74402	19.680	ug/l	85
78) n-propylbenzene	12.590	91	413060	19.187	ug/l	97
79) 2-Chlorotoluene	12.676	91	242459	19.645	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	275790	19.168	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	18993	18.476	ug/l #	80
82) 4-Chlorotoluene	12.773	91	246916	19.566	ug/l	96
83) tert-Butylbenzene	12.993	119	246514	19.125	ug/l	94
84) 1,2,4-Trimethylbenzene	13.041	105	276511	19.384	ug/l	98
85) sec-Butylbenzene	13.169	105	364873	18.946	ug/l	98
86) p-Isopropyltoluene	13.291	119	296612	18.967	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	147987	19.383	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	144140	19.217	ug/l	96
89) n-Butylbenzene	13.615	91	289195	18.939	ug/l	98
90) Hexachloroethane	13.877	117	57936	19.026	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	132055	19.685	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10343	20.472	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	71420	18.986	ug/l	96
94) Hexachlorobutadiene	15.023	225	38448	18.384	ug/l	97
95) Naphthalene	15.145	128	139475	19.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	60307	18.965	ug/l	98

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

