

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019637.D
 Acq On : 20 Sep 2024 11:47
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Quant Time: Sep 20 15:22:45 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	390327	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	667193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	569649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	269756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	208260	57.620	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.240%	
35) Dibromofluoromethane	7.628	113	203593	53.820	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	107.640%	
50) Toluene-d8	10.103	98	744211	53.189	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	106.380%	
62) 4-Bromofluorobenzene	12.408	95	269539	50.100	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	100.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	53055	22.627	ug/l	99
3) Chloromethane	2.068	50	65316	20.225	ug/l	99
4) Vinyl Chloride	2.208	62	75998	21.763	ug/l	100
5) Bromomethane	2.592	94	55768	25.999	ug/l	99
6) Chloroethane	2.733	64	52025	22.790	ug/l	95
7) Trichlorofluoromethane	3.056	101	124993	21.473	ug/l	93
8) Diethyl Ether	3.452	74	39154	20.038	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	75284	20.907	ug/l	97
10) Methyl Iodide	4.001	142	79901	17.307	ug/l	92
11) Tert butyl alcohol	4.854	59	39495	135.309	ug/l	# 83
12) 1,1-Dichloroethene	3.787	96	68295	19.721	ug/l	89
13) Acrolein	3.647	56	17738	118.707	ug/l	98
14) Allyl chloride	4.379	41	115864	18.657	ug/l	# 92
15) Acrylonitrile	5.055	53	86891	103.133	ug/l	97
16) Acetone	3.873	43	101122	117.438	ug/l	# 87
17) Carbon Disulfide	4.098	76	154338	16.495	ug/l	100
18) Methyl Acetate	4.385	43	41310	17.678	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	201740	20.569	ug/l	99
20) Methylene Chloride	4.610	84	83369	21.230	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	71314	18.788	ug/l	89
22) Diisopropyl ether	6.013	45	257441	20.187	ug/l	93
23) Vinyl Acetate	5.952	43	747774	102.655	ug/l	94
24) 1,1-Dichloroethane	5.909	63	145307	20.305	ug/l	98
25) 2-Butanone	6.890	43	135975	111.032	ug/l	# 87
26) 2,2-Dichloropropane	6.878	77	135655	21.015	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	93136	20.199	ug/l	89
28) Bromochloromethane	7.238	49	58608	19.465	ug/l	86
29) Tetrahydrofuran	7.256	42	75796	101.793	ug/l	86
30) Chloroform	7.415	83	154793	21.189	ug/l	96
31) Cyclohexane	7.695	56	120704	18.660	ug/l	92
32) 1,1,1-Trichloroethane	7.610	97	134818	20.589	ug/l	95
36) 1,1-Dichloropropene	7.829	75	101675	19.753	ug/l	97
37) Ethyl Acetate	6.976	43	54103	20.514	ug/l	97
38) Carbon Tetrachloride	7.811	117	118030	20.334	ug/l	99
39) Methylcyclohexane	9.103	83	130620	19.068	ug/l	# 90
40) Benzene	8.073	78	317435	20.022	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	32320	21.023	ug/l #	86
42) 1,2-Dichloroethane	8.152	62	90346	21.177	ug/l	96
43) Isopropyl Acetate	8.189	43	110978	20.029	ug/l #	81
44) Trichloroethene	8.860	130	79843	19.582	ug/l	95
45) 1,2-Dichloropropane	9.140	63	77600	20.021	ug/l	99
46) Dibromomethane	9.231	93	44188	20.848	ug/l	94
47) Bromodichloromethane	9.420	83	119019	20.889	ug/l	98
48) Methyl methacrylate	9.219	41	50767	19.402	ug/l #	84
49) 1,4-Dioxane	9.231	88	10445	418.604	ug/l #	77
51) 4-Methyl-2-Pentanone	10.000	43	278507	99.909	ug/l	92
52) Toluene	10.170	92	203896	19.997	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	107772	19.843	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	122934	19.438	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	61214	20.913	ug/l	97
56) Ethyl methacrylate	10.439	69	87750	19.735	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	104379	20.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	198691	96.279	ug/l	98
59) 2-Hexanone	10.762	43	208487	102.015	ug/l	90
60) Dibromochloromethane	10.908	129	79454	20.520	ug/l	99
61) 1,2-Dibromoethane	11.012	107	55112	20.208	ug/l	99
64) Tetrachloroethene	10.646	164	69077	19.582	ug/l	92
65) Chlorobenzene	11.438	112	227490	20.302	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	77665	20.018	ug/l	98
67) Ethyl Benzene	11.518	91	404392	20.311	ug/l	99
68) m/p-Xylenes	11.627	106	298713	39.678	ug/l	92
69) o-Xylene	11.957	106	145753	19.796	ug/l	94
70) Styrene	11.969	104	249122	20.041	ug/l	97
71) Bromoform	12.133	173	44349	20.014	ug/l #	98
73) Isopropylbenzene	12.255	105	395916	20.231	ug/l	99
74) N-amyl acetate	12.072	43	101221	19.018	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	72806	20.960	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	50998m	20.170	ug/l	
77) Bromobenzene	12.530	156	85676	19.740	ug/l	89
78) n-propylbenzene	12.597	91	475720	20.509	ug/l	99
79) 2-Chlorotoluene	12.682	91	273166	20.208	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	321783	20.226	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	24560	18.647	ug/l	92
82) 4-Chlorotoluene	12.780	91	283969	20.433	ug/l	95
83) tert-Butylbenzene	12.999	119	302904	21.031	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	316290	20.084	ug/l	97
85) sec-Butylbenzene	13.176	105	437401	20.905	ug/l	99
86) p-Isopropyltoluene	13.292	119	354122	20.686	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	172608	20.466	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	169163	20.211	ug/l	97
89) n-Butylbenzene	13.615	91	340610	20.813	ug/l	99
90) Hexachloroethane	13.877	117	71495	20.072	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	152631	20.280	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11240	19.416	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	85811	18.747	ug/l	98
94) Hexachlorobutadiene	15.023	225	47291	19.339	ug/l	98
95) Naphthalene	15.145	128	165821	18.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70861	18.098	ug/l	98

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

