

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020199.D
 Acq On : 07 Nov 2024 12:13
 Operator : SY/MD
 Sample : VY1107SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

Quant Time: Nov 08 00:26:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	206563	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	375441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	325231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139502	54.112	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.220%	
35) Dibromofluoromethane	7.640	113	123621	51.789	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.580%	
50) Toluene-d8	10.103	98	490180	51.589	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	103.180%	
62) 4-Bromofluorobenzene	12.401	95	159427	51.658	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	36807	19.249	ug/l	95
3) Chloromethane	2.068	50	62201	19.639	ug/l	97
4) Vinyl Chloride	2.208	62	67887	19.966	ug/l	99
5) Bromomethane	2.592	94	47007	20.823	ug/l	99
6) Chloroethane	2.732	64	45011	20.512	ug/l	95
7) Trichlorofluoromethane	3.056	101	81458	19.611	ug/l	98
8) Diethyl Ether	3.452	74	24033	20.745	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.818	101	46468	19.946	ug/l	89
10) Methyl Iodide	4.013	142	43172	19.194	ug/l	# 88
11) Tert butyl alcohol	4.866	59	20858	112.479	ug/l	# 78
12) 1,1-Dichloroethene	3.787	96	42534	19.081	ug/l	# 74
13) Acrolein	3.653	56	20394	88.346	ug/l	99
14) Allyl chloride	4.385	41	79381	19.738	ug/l	# 90
15) Acrylonitrile	5.061	53	60176	114.111	ug/l	98
16) Acetone	3.873	43	65756	109.678	ug/l	# 84
17) Carbon Disulfide	4.110	76	129164	17.412	ug/l	# 95
18) Methyl Acetate	4.385	43	32021	22.764	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	122006	21.756	ug/l	96
20) Methylene Chloride	4.616	84	51724	19.205	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	47905	19.056	ug/l	85
22) Diisopropyl ether	6.025	45	179993	21.567	ug/l	92
23) Vinyl Acetate	5.964	43	495411	105.480	ug/l	# 92
24) 1,1-Dichloroethane	5.921	63	99860	20.664	ug/l	96
25) 2-Butanone	6.896	43	89355	109.949	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	76789	19.098	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	57412	19.867	ug/l	81
28) Bromochloromethane	7.250	49	44968	19.873	ug/l	# 68
29) Tetrahydrofuran	7.262	42	54334	115.848	ug/l	# 82
30) Chloroform	7.427	83	98995	20.644	ug/l	94
31) Cyclohexane	7.707	56	83960	17.946	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	84780	20.250	ug/l	95
36) 1,1-Dichloropropene	7.835	75	70180	19.032	ug/l	94
37) Ethyl Acetate	6.988	43	37091	21.098	ug/l	96
38) Carbon Tetrachloride	7.817	117	70341	18.970	ug/l	96
39) Methylcyclohexane	9.109	83	81837	17.487	ug/l	# 85
40) Benzene	8.079	78	213939	19.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	16970	19.270	ug/l	95
42) 1,2-Dichloroethane	8.158	62	62879	21.106	ug/l	93
43) Isopropyl Acetate	8.201	43	74355	21.994	ug/l #	76
44) Trichloroethene	8.866	130	49027	19.654	ug/l	89
45) 1,2-Dichloropropane	9.140	63	53582	20.808	ug/l	96
46) Dibromomethane	9.231	93	28674	20.551	ug/l	90
47) Bromodichloromethane	9.426	83	75167	20.564	ug/l	98
48) Methyl methacrylate	9.219	41	33531	21.413	ug/l #	80
49) 1,4-Dioxane	9.225	88	6506	452.901	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	195622	112.301	ug/l	88
52) Toluene	10.170	92	131888	19.879	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	63850	19.781	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	78029	20.253	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	37342	21.525	ug/l	91
56) Ethyl methacrylate	10.438	69	51378	20.646	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	68017	21.409	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	118481	96.540	ug/l	92
59) 2-Hexanone	10.762	43	136705	109.465	ug/l	86
60) Dibromochloromethane	10.908	129	47292	21.386	ug/l	99
61) 1,2-Dibromoethane	11.018	107	34037	21.118	ug/l	99
64) Tetrachloroethene	10.646	164	42238	19.669	ug/l	95
65) Chlorobenzene	11.438	112	139048	20.065	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	45251	20.438	ug/l	99
67) Ethyl Benzene	11.517	91	251746	19.434	ug/l	98
68) m/p-Xylenes	11.627	106	184669	38.964	ug/l	91
69) o-Xylene	11.950	106	87174	19.427	ug/l	90
70) Styrene	11.969	104	147300	19.854	ug/l	95
71) Bromoform	12.127	173	24902	21.924	ug/l #	98
73) Isopropylbenzene	12.255	105	235806	19.426	ug/l	97
74) N-amyl acetate	12.072	43	65120	21.462	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	44725	21.068	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	30915m	21.705	ug/l	
77) Bromobenzene	12.529	156	50820	20.702	ug/l	82
78) n-propylbenzene	12.590	91	295297	19.547	ug/l	96
79) 2-Chlorotoluene	12.676	91	165743	19.765	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	188930	19.387	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	13805	20.848	ug/l #	82
82) 4-Chlorotoluene	12.773	91	170703	19.965	ug/l	95
83) tert-Butylbenzene	12.993	119	170764	20.040	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	190101	19.695	ug/l	97
85) sec-Butylbenzene	13.176	105	254170	19.429	ug/l	98
86) p-Isopropyltoluene	13.292	119	203675	19.402	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	99886	20.029	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	99165	19.967	ug/l	95
89) n-Butylbenzene	13.615	91	198680	18.880	ug/l	98
90) Hexachloroethane	13.877	117	40559	19.536	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	89012	20.534	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6632	20.600	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	45298	19.453	ug/l	98
94) Hexachlorobutadiene	15.023	225	23920	18.785	ug/l	99
95) Naphthalene	15.145	128	86524	19.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	38492	19.473	ug/l	98

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

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