

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019380.D
 Acq On : 29 Aug 2024 19:50
 Operator : SY/MD
 Sample : VY0829SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

Quant Time: Aug 30 04:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	124128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	195367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	167741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	61522	52.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.660%			
35) Dibromofluoromethane	7.622	113	59264	47.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.960%			
50) Toluene-d8	10.103	98	217223	47.774	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.540%			
62) 4-Bromofluorobenzene	12.401	95	61477	41.802	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 83.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	20473	20.242	ug/l	97
3) Chloromethane	2.068	50	32663	19.850	ug/l	100
4) Vinyl Chloride	2.202	62	35906	19.018	ug/l	94
5) Bromomethane	2.586	94	29621	22.185	ug/l	100
6) Chloroethane	2.732	64	21373	18.588	ug/l	98
7) Trichlorofluoromethane	3.043	101	38325	17.149	ug/l	95
8) Diethyl Ether	3.446	74	11853	22.457	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	23513	18.533	ug/l	95
10) Methyl Iodide	3.988	142	22637	18.305	ug/l	92
11) Tert butyl alcohol	4.860	59	8284	125.017	ug/l #	92
12) 1,1-Dichloroethene	3.775	96	22041	19.049	ug/l	94
13) Acrolein	3.641	56	9750	126.172	ug/l	99
14) Allyl chloride	4.366	41	31918	19.981	ug/l	91
15) Acrylonitrile	5.049	53	24767	114.860	ug/l	98
16) Acetone	3.860	43	23931	103.486	ug/l #	85
17) Carbon Disulfide	4.092	76	63104	18.892	ug/l	99
18) Methyl Acetate	4.372	43	12010	23.525	ug/l	91
19) Methyl tert-butyl Ether	5.104	73	56210	21.309	ug/l	99
20) Methylene Chloride	4.598	84	32063	18.700	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	24550	18.629	ug/l	97
22) Diisopropyl ether	6.006	45	69876	19.443	ug/l	91
23) Vinyl Acetate	5.945	43	206737	103.352	ug/l	95
24) 1,1-Dichloroethane	5.903	63	42029	19.351	ug/l	98
25) 2-Butanone	6.884	43	33808	109.298	ug/l #	88
26) 2,2-Dichloropropane	6.878	77	35291	18.655	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	28649	18.986	ug/l	95
28) Bromochloromethane	7.238	49	18373	20.590	ug/l	97
29) Tetrahydrofuran	7.250	42	21736	116.952	ug/l	88
30) Chloroform	7.415	83	47541	19.554	ug/l	97
31) Cyclohexane	7.701	56	36397	18.204	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	42109	18.662	ug/l	94
36) 1,1-Dichloropropene	7.829	75	32707	18.738	ug/l	98
37) Ethyl Acetate	6.982	43	15094	21.846	ug/l	95
38) Carbon Tetrachloride	7.811	117	38811	18.243	ug/l	97
39) Methylcyclohexane	9.103	83	40620	18.147	ug/l	96
40) Benzene	8.073	78	100407	18.901	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9127m	21.904	ug/l	
42) 1,2-Dichloroethane	8.152	62	29609	21.003	ug/l	94
43) Isopropyl Acetate	8.189	43	29317	21.742	ug/l #	79
44) Trichloroethene	8.859	130	27768	19.032	ug/l	97
45) 1,2-Dichloropropane	9.134	63	22830	19.829	ug/l	98
46) Dibromomethane	9.225	93	14066	20.310	ug/l	97
47) Bromodichloromethane	9.420	83	36249	19.819	ug/l	98
48) Methyl methacrylate	9.219	41	13243	20.773	ug/l #	88
49) 1,4-Dioxane	9.225	88	3140	413.837	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	78770	111.558	ug/l	91
52) Toluene	10.170	92	65332	18.760	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	30325	20.074	ug/l	90
54) cis-1,3-Dichloropropene	9.853	75	35197	19.676	ug/l #	88
55) 1,1,2-Trichloroethane	10.566	97	18636	21.095	ug/l	95
56) Ethyl methacrylate	10.438	69	23624	20.585	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	30209	20.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	53656	104.285	ug/l	97
59) 2-Hexanone	10.761	43	54403	116.188	ug/l	89
60) Dibromochloromethane	10.908	129	25023	20.775	ug/l	98
61) 1,2-Dibromoethane	11.011	107	17609	21.636	ug/l	93
64) Tetrachloroethene	10.646	164	29325	17.899	ug/l	95
65) Chlorobenzene	11.438	112	70570	18.804	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	22574	17.347	ug/l	98
67) Ethyl Benzene	11.517	91	109290	16.657	ug/l	97
68) m/p-Xylenes	11.627	106	89272	34.388	ug/l	98
69) o-Xylene	11.950	106	37682	15.584	ug/l	96
70) Styrene	11.969	104	63184	15.969	ug/l	99
71) Bromoform	12.127	173	10795	15.606	ug/l #	100
73) Isopropylbenzene	12.255	105	97250	14.367	ug/l	98
74) N-amyl acetate	12.072	43	20703	15.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	18375	18.265	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	13350m	17.907	ug/l	
77) Bromobenzene	12.529	156	25821	16.190	ug/l	97
78) n-propylbenzene	12.597	91	128170	15.672	ug/l	98
79) 2-Chlorotoluene	12.676	91	74745	16.404	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	97244	18.234	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	5181	17.194	ug/l	91
82) 4-Chlorotoluene	12.773	91	83443	18.103	ug/l	98
83) tert-Butylbenzene	12.999	119	87085	17.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	97197	18.983	ug/l	99
85) sec-Butylbenzene	13.176	105	126698	17.723	ug/l	98
86) p-Isopropyltoluene	13.292	119	105598	18.134	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	54262	18.495	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	55377	18.917	ug/l	97
89) n-Butylbenzene	13.615	91	94494	17.661	ug/l	99
90) Hexachloroethane	13.877	117	20247	17.152	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	49604	19.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3253	23.787	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	27108	20.375	ug/l	99
94) Hexachlorobutadiene	15.023	225	15591	16.647	ug/l	99
95) Naphthalene	15.139	128	47947	22.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	23975	21.061	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

