

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019379.D
 Acq On : 29 Aug 2024 19:27
 Operator : SY/MD
 Sample : VY0829SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

Quant Time: Aug 30 04:47:32 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	117519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	186639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	134855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	62788	56.408	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.820%			
35) Dibromofluoromethane	7.628	113	62536	52.997	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.103	98	213002	49.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.401	95	76602	54.523	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	21711	22.673	ug/l	99
3) Chloromethane	2.068	50	32844	21.083	ug/l	97
4) Vinyl Chloride	2.202	62	37157	20.788	ug/l	97
5) Bromomethane	2.580	94	27129	21.317	ug/l	92
6) Chloroethane	2.726	64	20924	19.221	ug/l	94
7) Trichlorofluoromethane	3.049	101	53158	25.124	ug/l	96
8) Diethyl Ether	3.446	74	11439	22.891	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	23900	19.898	ug/l	95
10) Methyl Iodide	3.994	142	20235	17.283	ug/l	92
11) Tert butyl alcohol	4.860	59	6949	110.768	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	22349	20.402	ug/l	98
13) Acrolein	3.641	56	9523	130.165	ug/l	99
14) Allyl chloride	4.366	41	30302	20.036	ug/l	87
15) Acrylonitrile	5.049	53	22704	111.214	ug/l	97
16) Acetone	3.854	43	23061	105.332	ug/l #	83
17) Carbon Disulfide	4.098	76	62457	19.750	ug/l	99
18) Methyl Acetate	4.378	43	10471	21.664	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	52503	21.023	ug/l	99
20) Methylene Chloride	4.604	84	31625	19.999	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	24387	19.546	ug/l	96
22) Diisopropyl ether	6.012	45	67805	19.928	ug/l	94
23) Vinyl Acetate	5.945	43	197240	104.150	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	40565	19.728	ug/l	96
25) 2-Butanone	6.884	43	31291	106.850	ug/l	90
26) 2,2-Dichloropropane	6.872	77	35013	19.549	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	28751	20.125	ug/l	96
28) Bromochloromethane	7.232	49	17943	21.239	ug/l	94
29) Tetrahydrofuran	7.250	42	18667	106.088	ug/l	91
30) Chloroform	7.415	83	46827	20.343	ug/l	99
31) Cyclohexane	7.695	56	36520	19.293	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	43492	20.359	ug/l	99
36) 1,1-Dichloropropene	7.829	75	32319	19.381	ug/l	98
37) Ethyl Acetate	6.976	43	14243	21.578	ug/l	96
38) Carbon Tetrachloride	7.811	117	39598	19.483	ug/l	97
39) Methylcyclohexane	9.103	83	42143	19.708	ug/l	99
40) Benzene	8.073	78	98656	19.440	ug/l	98

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 Supervised By :Semsettin Yesilyurt 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	8306m	20.866	ug/l	
42) 1,2-Dichloroethane	8.152	62	27069	20.099	ug/l	97
43) Isopropyl Acetate	8.195	43	26347	20.453	ug/l #	77
44) Trichloroethene	8.859	130	28218	20.245	ug/l	100
45) 1,2-Dichloropropane	9.140	63	21810	19.829	ug/l	99
46) Dibromomethane	9.225	93	13664	20.652	ug/l	100
47) Bromodichloromethane	9.420	83	34928	19.989	ug/l	95
48) Methyl methacrylate	9.219	41	12098	19.865	ug/l #	83
49) 1,4-Dioxane	9.231	88	2875	396.630	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	68531	101.596	ug/l	91
52) Toluene	10.170	92	59749	17.959	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	23623	16.368	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	33678	19.708	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	15458	18.316	ug/l	94
56) Ethyl methacrylate	10.438	69	18713	17.068	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	27593	20.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	53308	108.454	ug/l	96
59) 2-Hexanone	10.762	43	41579	92.952	ug/l	93
60) Dibromochloromethane	10.908	129	22122	19.226	ug/l	97
61) 1,2-Dibromoethane	11.011	107	15056	19.364	ug/l	98
64) Tetrachloroethene	10.646	164	26386	20.033	ug/l	94
65) Chlorobenzene	11.438	112	59601	19.754	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	19966	19.084	ug/l	97
67) Ethyl Benzene	11.517	91	102885	19.505	ug/l	97
68) m/p-Xylenes	11.627	106	81375	38.990	ug/l	100
69) o-Xylene	11.950	106	38658	19.886	ug/l	98
70) Styrene	11.969	104	64777	20.364	ug/l	100
71) Bromoform	12.127	173	12578	22.618	ug/l #	97
73) Isopropylbenzene	12.255	105	114956	17.957	ug/l	99
74) N-amyl acetate	12.072	43	19994	16.242	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	18685	19.638	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	13325m	18.899	ug/l	
77) Bromobenzene	12.529	156	27523	18.247	ug/l	97
78) n-propylbenzene	12.597	91	142159	18.378	ug/l	98
79) 2-Chlorotoluene	12.676	91	80108	18.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	96645	19.160	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	5282	18.534	ug/l #	86
82) 4-Chlorotoluene	12.779	91	83868	19.238	ug/l	100
83) tert-Butylbenzene	12.999	119	88586	19.202	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	96861	20.002	ug/l	98
85) sec-Butylbenzene	13.176	105	127175	18.810	ug/l	98
86) p-Isopropyltoluene	13.292	119	107504	19.520	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	54671	19.703	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	53809	19.435	ug/l	97
89) n-Butylbenzene	13.615	91	97574	19.282	ug/l	99
90) Hexachloroethane	13.877	117	20781	18.613	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	48117	19.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	2615	20.405	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	26944	21.412	ug/l	97
94) Hexachlorobutadiene	15.023	225	16318	18.122	ug/l	98
95) Naphthalene	15.145	128	44245	21.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22576	20.969	ug/l	98

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

