

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019045.D
 Acq On : 14 Aug 2024 09:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Aug 14 21:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	47540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	70838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	64849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	33609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	20802	49.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.622	113	23897	52.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.103	98	86932	50.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.408	95	25553	49.562	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	15744	48.181	ug/l	94
3) Chloromethane	2.068	50	39062	50.606	ug/l	99
4) Vinyl Chloride	2.202	62	56997	52.049	ug/l	93
5) Bromomethane	2.592	94	44359	50.771	ug/l	96
6) Chloroethane	2.733	64	39526	53.676	ug/l	95
7) Trichlorofluoromethane	3.043	101	69919	47.907	ug/l	97
8) Diethyl Ether	3.446	74	10651	47.342	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	23363	51.239	ug/l	93
10) Methyl Iodide	4.001	142	28012	56.895	ug/l	95
11) Tert butyl alcohol	4.836	59	7329	190.103	ug/l	99
12) 1,1-Dichloroethene	3.781	96	22047	51.182	ug/l	98
13) Acrolein	3.641	56	8887	201.971	ug/l	99
14) Allyl chloride	4.372	41	28300	49.122	ug/l #	83
15) Acrylonitrile	5.043	53	21944	248.803	ug/l	97
16) Acetone	3.854	43	24759	241.985	ug/l	88
17) Carbon Disulfide	4.098	76	64909	50.690	ug/l	99
18) Methyl Acetate	4.372	43	11020	47.502	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	49074	46.318	ug/l #	91
20) Methylene Chloride	4.604	84	24787	51.950	ug/l	89
21) trans-1,2-Dichloroethene	5.104	96	25685	53.891	ug/l	91
22) Diisopropyl ether	6.006	45	66890	53.260	ug/l #	86
23) Vinyl Acetate	5.945	43	284962	262.908	ug/l	94
24) 1,1-Dichloroethane	5.909	63	41247	53.535	ug/l	99
25) 2-Butanone	6.878	43	34019	251.722	ug/l	98
26) 2,2-Dichloropropane	6.878	77	36882	50.860	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	31806	55.775	ug/l	97
28) Bromochloromethane	7.232	49	18534	52.251	ug/l	92
29) Tetrahydrofuran	7.250	42	19251	241.577	ug/l #	89
30) Chloroform	7.409	83	45748	55.507	ug/l	96
31) Cyclohexane	7.695	56	33040	50.671	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	39542	53.077	ug/l	92
36) 1,1-Dichloropropene	7.823	75	32916	54.198	ug/l	96
37) Ethyl Acetate	6.970	43	12807	46.136	ug/l	97
38) Carbon Tetrachloride	7.811	117	39004	56.012	ug/l	93
39) Methylcyclohexane	9.103	83	43043	52.653	ug/l	96
40) Benzene	8.067	78	101801	56.377	ug/l	100

08/15/2024
 Supervised By :Semsettin
 Esilyurt

08/15/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M

Quant Title : SW846 8260

QLast Update : Fri Aug 09 04:24:33 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	5420m	43.453	ug/l	08/15/2024
42) 1,2-Dichloroethane	8.146	62	25764	57.313	ug/l	Supervised By :Semsettin
43) Isopropyl Acetate	8.189	43	27497	48.707	ug/l #	Yesilyurt
44) Trichloroethene	8.860	130	28246	54.877	ug/l	91
45) 1,2-Dichloropropane	9.134	63	21862	54.107	ug/l	97
46) Dibromomethane	9.225	93	14766	56.559	ug/l	95
47) Bromodichloromethane	9.420	83	34703	56.802	ug/l	99
48) Methyl methacrylate	9.213	41	12358	50.109	ug/l #	08/15/2024
49) 1,4-Dioxane	9.219	88	3058	991.436	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	76280	261.994	ug/l #	86
52) Toluene	10.170	92	68834	57.386	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	29485	54.119	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	35526	54.895	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	17996	56.130	ug/l	94
56) Ethyl methacrylate	10.438	69	21337	49.152	ug/l #	65
57) 1,3-Dichloropropane	10.719	76	28134	53.296	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.707	63	54727	244.540	ug/l	95
59) 2-Hexanone	10.762	43	55287	264.717	ug/l	85
60) Dibromochloromethane	10.914	129	25211	58.652	ug/l	100
61) 1,2-Dibromoethane	11.018	107	16482	53.241	ug/l	95
64) Tetrachloroethene	10.646	164	29330	53.953	ug/l	98
65) Chlorobenzene	11.444	112	77732	54.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	27306	54.829	ug/l	99
67) Ethyl Benzene	11.518	91	129936	52.709	ug/l	94
68) m/p-Xylenes	11.627	106	108240	107.079	ug/l	94
69) o-Xylene	11.957	106	52103	55.848	ug/l	87
70) Styrene	11.969	104	85206	55.449	ug/l	97
71) Bromoform	12.133	173	14863	57.390	ug/l #	95
73) Isopropylbenzene	12.255	105	126543	51.871	ug/l	97
74) N-amyl acetate	12.072	43	26554	47.169	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	19566	49.698	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	11097m	44.320	ug/l	
77) Bromobenzene	12.536	156	29895	52.603	ug/l	86
78) n-propylbenzene	12.597	91	149807	51.882	ug/l	97
79) 2-Chlorotoluene	12.682	91	79875	53.433	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	100690	52.667	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	5393	44.383	ug/l #	81
82) 4-Chlorotoluene	12.780	91	78698	51.422	ug/l	88
83) tert-Butylbenzene	12.999	119	94654	52.417	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	103786	53.514	ug/l	96
85) sec-Butylbenzene	13.176	105	138607	52.991	ug/l	96
86) p-Isopropyltoluene	13.292	119	123488	54.521	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	65928	56.790	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	62428	55.140	ug/l	95
89) n-Butylbenzene	13.621	91	106331	53.485	ug/l	97
90) Hexachloroethane	13.883	117	22716	53.153	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	55390	58.031	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2412	44.538	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	29337	55.819	ug/l	99
94) Hexachlorobutadiene	15.029	225	16692	57.910	ug/l	96
95) Naphthalene	15.145	128	45993	49.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	25032	55.489	ug/l	96

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

08/15/2024
Supervised By :Semsettin
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08/15/2024

