

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019941.D
 Acq On : 18 Oct 2024 09:46
 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: Oct 18 23:27:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						10/21/2024
1) Pentafluorobenzene	7.713	168	246692	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	431858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	376303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	179996	50.000	ug/l	0.00
System Monitoring Compounds						10/21/2024
33) 1,2-Dichloroethane-d4	8.067	65	156131	51.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.800%	
35) Dibromofluoromethane	7.640	113	150848	52.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.109	98	538592	51.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.408	95	196434	51.658	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	96230	41.903	ug/l	99
3) Chloromethane	2.074	50	143440	47.990	ug/l	99
4) Vinyl Chloride	2.208	62	162992	49.555	ug/l	97
5) Bromomethane	2.605	94	103119	49.531	ug/l	99
6) Chloroethane	2.745	64	112852	51.073	ug/l	98
7) Trichlorofluoromethane	3.068	101	241735	49.392	ug/l	92
8) Diethyl Ether	3.458	74	73575	49.464	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	146666	51.520	ug/l	90
10) Methyl Iodide	4.013	142	130439	45.304	ug/l #	90
11) Tert butyl alcohol	4.872	59	50482	201.751	ug/l #	84
12) 1,1-Dichloroethene	3.800	96	125986	47.605	ug/l #	76
13) Acrolein	3.659	56	42891	192.168	ug/l	99
14) Allyl chloride	4.391	41	248122	51.962	ug/l #	90
15) Acrylonitrile	5.068	53	180348	265.082	ug/l	98
16) Acetone	3.879	43	247082	312.480	ug/l #	82
17) Carbon Disulfide	4.117	76	294590	41.529	ug/l	98
18) Methyl Acetate	4.391	43	93855	55.101	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	381629	50.193	ug/l	95
20) Methylene Chloride	4.629	84	147313	50.428	ug/l #	80
21) trans-1,2-Dichloroethene	5.122	96	139960	48.591	ug/l #	79
22) Diisopropyl ether	6.025	45	580320	55.794	ug/l #	91
23) Vinyl Acetate	5.970	43	1574192	264.005	ug/l #	89
24) 1,1-Dichloroethane	5.921	63	307975	53.267	ug/l	95
25) 2-Butanone	6.903	43	300137	283.578	ug/l #	81
26) 2,2-Dichloropropane	6.897	77	264053	51.282	ug/l	96
27) cis-1,2-Dichloroethene	6.897	96	182586	51.294	ug/l	83
28) Bromochloromethane	7.250	49	142383	55.950	ug/l #	71
29) Tetrahydrofuran	7.262	42	155860	257.910	ug/l #	81
30) Chloroform	7.427	83	320303	54.346	ug/l	99
31) Cyclohexane	7.707	56	239353	47.160	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	275098	53.261	ug/l	94
36) 1,1-Dichloropropene	7.841	75	210179	51.193	ug/l	95
37) Ethyl Acetate	6.988	43	113296	52.921	ug/l	95
38) Carbon Tetrachloride	7.823	117	228551	51.927	ug/l	97
39) Methylcyclohexane	9.110	83	256816	49.645	ug/l #	88
40) Benzene	8.085	78	645812	51.976	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	59000m	50.920	ug/l	10/21/2024
42) 1,2-Dichloroethane	8.165	62	188135	52.704	ug/l	Supervised By :Semsettin yesilyurt
43) Isopropyl Acetate	8.201	43	227848	52.187	ug/l #	77
44) Trichloroethene	8.872	130	151056	50.194	ug/l	97
45) 1,2-Dichloropropane	9.146	63	167708	53.926	ug/l	96
46) Dibromomethane	9.231	93	87377	51.423	ug/l	89
47) Bromodichloromethane	9.427	83	241787	53.610	ug/l #	98
48) Methyl methacrylate	9.225	41	104108	54.208	ug/l #	10/21/2024
49) 1,4-Dioxane	9.231	88	17573	924.040	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	598789	268.883	ug/l	89
52) Toluene	10.176	92	413238	53.280	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	210370	51.841	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	250113	52.234	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	116707	52.132	ug/l	90
56) Ethyl methacrylate	10.439	69	166558	51.851	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	205595	52.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	438579	293.284	ug/l	92
59) 2-Hexanone	10.762	43	458431	288.220	ug/l	86
60) Dibromochloromethane	10.914	129	151089	52.582	ug/l	99
61) 1,2-Dibromoethane	11.018	107	102002	50.422	ug/l	99
64) Tetrachloroethene	10.646	164	125423	46.859	ug/l	92
65) Chlorobenzene	11.444	112	437621	50.845	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	150778	51.778	ug/l	99
67) Ethyl Benzene	11.518	91	819704	52.428	ug/l	100
68) m/p-Xylenes	11.627	106	596666	103.331	ug/l	89
69) o-Xylene	11.957	106	288667	52.031	ug/l	92
70) Styrene	11.969	104	490797	52.434	ug/l	95
71) Bromoform	12.133	173	76518	49.085	ug/l #	97
73) Isopropylbenzene	12.255	105	788469	52.078	ug/l	98
74) N-amyl acetate	12.072	43	202939	50.609	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	144631	53.762	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	105071m	29.798	ug/l	
77) Bromobenzene	12.536	156	157592	49.051	ug/l	82
78) n-propylbenzene	12.597	91	977519	53.434	ug/l	97
79) 2-Chlorotoluene	12.682	91	545184	51.982	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	634380	51.884	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	44019	50.389	ug/l #	82
82) 4-Chlorotoluene	12.780	91	561625	52.372	ug/l	95
83) tert-Butylbenzene	12.999	119	576504	52.632	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	632487	52.175	ug/l	96
85) sec-Butylbenzene	13.176	105	869449	53.127	ug/l	98
86) p-Isopropyltoluene	13.292	119	687677	51.748	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	323219	49.817	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	318607	49.986	ug/l	96
89) n-Butylbenzene	13.621	91	695768	53.619	ug/l	98
90) Hexachloroethane	13.883	117	136421	52.720	ug/l	84
91) 1,2-Dichlorobenzene	13.658	146	282053	49.476	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20434	47.594	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	147658	46.192	ug/l	96
94) Hexachlorobutadiene	15.023	225	84001	47.266	ug/l	99
95) Naphthalene	15.145	128	278941	46.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	122359	45.281	ug/l	98

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

10/21/2024
Supervised By :Semsettin
Yesilyurt

10/21/2024

