

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020560.D
 Acq On : 10 Dec 2024 10:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 00:44:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	176773	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	282168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241362	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	116370	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	100694	56.009	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.020%	
35) Dibromofluoromethane	7.628	113	99024	55.745	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.480%	
50) Toluene-d8	10.103	98	363152	53.688	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.408	95	129829	54.879	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.760%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	79689	46.215	ug/l	100
3) Chloromethane	2.068	50	83436	47.791	ug/l	96
4) Vinyl Chloride	2.202	62	87397	49.098	ug/l	99
5) Bromomethane	2.592	94	53474	51.199	ug/l	96
6) Chloroethane	2.733	64	55310	50.696	ug/l	99
7) Trichlorofluoromethane	3.056	101	156175	46.845	ug/l	99
8) Diethyl Ether	3.452	74	50481	53.441	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	92986	47.868	ug/l	97
10) Methyl Iodide	4.001	142	116113	53.246	ug/l	96
11) Tert butyl alcohol	4.860	59	38239	327.887	ug/l	99
12) 1,1-Dichloroethene	3.787	96	91444	49.832	ug/l	93
13) Acrolein	3.653	56	17328	158.696	ug/l	98
14) Allyl chloride	4.385	41	165806	50.661	ug/l	95
15) Acrylonitrile	5.055	53	111612	283.582	ug/l	99
16) Acetone	3.860	43	139791	312.716	ug/l	99
17) Carbon Disulfide	4.104	76	264846	50.427	ug/l	99
18) Methyl Acetate	4.379	43	55478	58.391	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	255054	54.425	ug/l	99
20) Methylene Chloride	4.616	84	100986	53.106	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	102929	50.500	ug/l	94
22) Diisopropyl ether	6.019	45	338927	52.077	ug/l	97
23) Vinyl Acetate	5.958	43	945972	274.804	ug/l	99
24) 1,1-Dichloroethane	5.909	63	198022	50.540	ug/l	99
25) 2-Butanone	6.890	43	167158	296.131	ug/l	93
26) 2,2-Dichloropropane	6.878	77	181314	48.926	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	124821	52.447	ug/l	96
28) Bromochloromethane	7.244	49	77098	52.693	ug/l	92
29) Tetrahydrofuran	7.256	42	91573	284.366	ug/l	96
30) Chloroform	7.421	83	202936	50.466	ug/l	97
31) Cyclohexane	7.701	56	156565	44.200	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	185802	47.985	ug/l	97
36) 1,1-Dichloropropene	7.835	75	139764	46.591	ug/l	99
37) Ethyl Acetate	6.982	43	66978	56.358	ug/l	97
38) Carbon Tetrachloride	7.817	117	166061	46.382	ug/l	99
39) Methylcyclohexane	9.103	83	169779	45.610	ug/l	99
40) Benzene	8.079	78	433672	49.032	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020560.D
 Acq On : 10 Dec 2024 10:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 00:44:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36802	54.473	ug/l	97
42) 1,2-Dichloroethane	8.158	62	119126	51.259	ug/l	100
43) Isopropyl Acetate	8.195	43	130191	54.250	ug/l	97
44) Trichloroethene	8.866	130	106835	48.999	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102691	49.616	ug/l	96
46) Dibromomethane	9.231	93	54356	53.043	ug/l	96
47) Bromodichloromethane	9.420	83	152073	50.369	ug/l	97
48) Methyl methacrylate	9.219	41	61878	55.294	ug/l	95
49) 1,4-Dioxane	9.225	88	12344	1260.209	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	333283	281.217	ug/l	97
52) Toluene	10.170	92	271497	49.200	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	142302	52.499	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	166397	51.944	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	72140	52.773	ug/l	97
56) Ethyl methacrylate	10.438	69	108830	56.266	ug/l	93
57) 1,3-Dichloropropane	10.713	76	127753	52.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	270230	298.396	ug/l	97
59) 2-Hexanone	10.756	43	243132	284.373	ug/l	94
60) Dibromochloromethane	10.908	129	100871	53.001	ug/l	100
61) 1,2-Dibromoethane	11.012	107	66293	53.031	ug/l	100
64) Tetrachloroethene	10.646	164	92224	45.220	ug/l	95
65) Chlorobenzene	11.438	112	289782	47.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	103955	48.452	ug/l	98
67) Ethyl Benzene	11.518	91	530925	46.819	ug/l	99
68) m/p-Xylenes	11.627	106	394449	94.993	ug/l	100
69) o-Xylene	11.950	106	186701	47.994	ug/l	100
70) Styrene	11.969	104	316687	48.795	ug/l	100
71) Bromoform	12.133	173	57198	52.434	ug/l	100
73) Isopropylbenzene	12.255	105	500318	44.436	ug/l	99
74) N-amyl acetate	12.072	43	114763	52.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	80711	49.846	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	58177m	49.076	ug/l	
77) Bromobenzene	12.530	156	109284	46.869	ug/l	97
78) n-propylbenzene	12.597	91	592505	44.446	ug/l	99
79) 2-Chlorotoluene	12.682	91	341771	45.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	406605	45.063	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29408	50.901	ug/l	93
82) 4-Chlorotoluene	12.780	91	352485	45.919	ug/l	99
83) tert-Butylbenzene	12.999	119	370618	45.432	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	400948	45.718	ug/l	100
85) sec-Butylbenzene	13.176	105	521855	44.637	ug/l	99
86) p-Isopropyltoluene	13.292	119	437382	45.273	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	213415	47.459	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	209766	47.650	ug/l	99
89) n-Butylbenzene	13.615	91	408886	45.633	ug/l	99
90) Hexachloroethane	13.883	117	87513	46.481	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	183747	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12484	50.929	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	107436	50.102	ug/l	100
94) Hexachlorobutadiene	15.023	225	72120	48.076	ug/l	98
95) Naphthalene	15.145	128	188119	54.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	88880	51.368	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
Data File : VY020560.D
Acq On : 10 Dec 2024 10:42
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 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024

Quant Time: Dec 11 00:44:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

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

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

