

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007839.D
 Acq On : 10 Mar 2022 20:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 00:00:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

03/11/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	237310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189046	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	124366	50.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.120%	
35) Dibromofluoromethane	7.722	113	121789	50.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.380%	
50) Toluene-d8	10.179	98	416409	46.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.483	95	150232	52.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	73218	46.847	ug/l	99
3) Chloromethane	2.113	50	122497	50.305	ug/l	96
4) Vinyl Chloride	2.253	62	171766	48.247	ug/l	99
5) Bromomethane	2.643	94	159149	55.311	ug/l	97
6) Chloroethane	2.796	64	131922	48.319	ug/l	96
7) Trichlorofluoromethane	3.131	101	205322	50.477	ug/l	99
8) Diethyl Ether	3.533	74	67598	51.646	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	129433	52.127	ug/l	94
10) Methyl Iodide	4.094	142	109994	36.410	ug/l	93
11) Tert butyl alcohol	4.948	59	58775	273.248	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	107178	48.636	ug/l	89
13) Acrolein	3.728	56	49454	274.007	ug/l	98
14) Allyl chloride	4.478	41	177170	53.451	ug/l #	89
15) Acrylonitrile	5.161	53	199574	288.869	ug/l	100
16) Acetone	3.948	43	148321	293.473	ug/l	91
17) Carbon Disulfide	4.192	76	252229	47.126	ug/l	99
18) Methyl Acetate	4.478	43	87605	60.415	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	375131	54.847	ug/l	100
20) Methylene Chloride	4.722	84	137054	57.098	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	127867	49.727	ug/l	88
22) Diisopropyl ether	6.118	45	466291	58.887	ug/l	98
23) Vinyl Acetate	6.057	43	1517244	302.993	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	256234	53.556	ug/l	98
25) 2-Butanone	6.984	43	263724	311.061	ug/l	94
26) 2,2-Dichloropropane	6.984	77	223268	52.438	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	157990	52.398	ug/l	93
28) Bromochloromethane	7.331	49	115502	56.766	ug/l #	96
29) Tetrahydrofuran	7.350	42	174008	299.958	ug/l	90
30) Chloroform	7.508	83	282405	56.974	ug/l	99
31) Cyclohexane	7.783	56	202539	53.163	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	244136	55.342	ug/l	99
36) 1,1-Dichloropropene	7.917	75	194821	51.034	ug/l	99
37) Ethyl Acetate	7.075	43	119023	56.450	ug/l	98
38) Carbon Tetrachloride	7.898	117	218937	53.765	ug/l	93
39) Methylcyclohexane	9.185	83	225648	48.096	ug/l	90
40) Benzene	8.161	78	567290	53.397	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007839.D
 Acq On : 10 Mar 2022 20:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 00:00:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

03/11/2022
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	60056m	59.604	ug/l	
42) 1,2-Dichloroethane	8.240	62	183869	55.464	ug/l	93
43) Isopropyl Acetate	8.276	43	224451	57.563	ug/l #	94
44) Trichloroethene	8.941	130	147936	50.138	ug/l	94
45) 1,2-Dichloropropane	9.215	63	154839	56.358	ug/l	95
46) Dibromomethane	9.301	93	92287	55.960	ug/l	92
47) Bromodichloromethane	9.496	83	225400	58.272	ug/l	95
48) Methyl methacrylate	9.295	41	101348	59.964	ug/l	87
49) 1,4-Dioxane	9.295	88	22641	1137.175	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	643795	308.576	ug/l	93
52) Toluene	10.246	92	369427	53.779	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	223087	56.174	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	241759	55.100	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	130966	58.373	ug/l	94
56) Ethyl methacrylate	10.508	69	168611	56.606	ug/l	87
57) 1,3-Dichloropropane	10.788	76	215968	56.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	449142	276.488	ug/l	98
59) 2-Hexanone	10.831	43	443243	315.477	ug/l	93
60) Dibromochloromethane	10.983	129	156829	58.704	ug/l	99
61) 1,2-Dibromoethane	11.087	107	118114	55.232	ug/l	99
64) Tetrachloroethene	10.721	164	123556	47.290	ug/l	97
65) Chlorobenzene	11.514	112	405006	52.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	160683	55.955	ug/l	98
67) Ethyl Benzene	11.593	91	733369	52.956	ug/l	99
68) m/p-Xylenes	11.703	106	570772	107.418	ug/l	94
69) o-Xylene	12.032	106	274255	54.467	ug/l	94
70) Styrene	12.044	104	481188	57.073	ug/l	95
71) Bromoform	12.209	173	100360	56.128	ug/l #	99
73) Isopropylbenzene	12.331	105	752588	51.100	ug/l	100
74) N-amyl acetate	12.142	43	210904	53.796	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	165552	53.596	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	114063m	54.028	ug/l	
77) Bromobenzene	12.605	156	169510	49.969	ug/l	96
78) n-propylbenzene	12.672	91	919731	51.753	ug/l	100
79) 2-Chlorotoluene	12.757	91	495262	52.079	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	614576	52.187	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	53016	51.338	ug/l	91
82) 4-Chlorotoluene	12.855	91	510741	52.214	ug/l	95
83) tert-Butylbenzene	13.074	119	568596	52.491	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	613983	52.931	ug/l	98
85) sec-Butylbenzene	13.251	105	857405	53.508	ug/l	98
86) p-Isopropyltoluene	13.367	119	707204	53.436	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	352313	52.191	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	356006	53.435	ug/l	97
89) n-Butylbenzene	13.696	91	676681	54.099	ug/l	98
90) Hexachloroethane	13.958	117	134643	53.671	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	319707	53.337	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25054	53.558	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	186777	49.219	ug/l	99
94) Hexachlorobutadiene	15.111	225	110997	49.473	ug/l	99
95) Naphthalene	15.232	128	394542	51.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	167651	49.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
Data File : VY007839.D
Acq On : 10 Mar 2022 20:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 11 00:00:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/11/2022

03/11/2022
Supervised By :Mahesh
Dadoda

03/11/2022

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

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

