

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007142.D
 Acq On : 13 Jan 2022 14:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011322

Quant Time: Jan 14 05:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84744	51.512	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.020%			
35) Dibromofluoromethane	7.716	113	77225	50.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.179	98	280875	50.388	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.483	95	101874	51.377	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	23727	50.469	ug/l	94
3) Chloromethane	2.113	50	42551	43.160	ug/l	96
4) Vinyl Chloride	2.259	62	68423	47.685	ug/l	100
5) Bromomethane	2.662	94	46042	49.554	ug/l	97
6) Chloroethane	2.802	64	43273	48.334	ug/l	99
7) Trichlorofluoromethane	3.125	101	76077	49.196	ug/l	98
8) Diethyl Ether	3.528	74	41375	48.587	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	71011	47.131	ug/l	98
10) Methyl Iodide	4.088	142	104146	46.735	ug/l	98
11) Tert butyl alcohol	4.954	59	35261	251.396	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	71774	47.308	ug/l	97
13) Acrolein	3.729	56	8437	250.359	ug/l	94
14) Allyl chloride	4.479	41	114448	47.046	ug/l	98
15) Acrylonitrile	5.155	53	103205	252.174	ug/l	99
16) Acetone	3.948	43	118268	277.003	ug/l	97
17) Carbon Disulfide	4.198	76	199044	47.243	ug/l	100
18) Methyl Acetate	4.473	43	70368	46.319	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	143561	48.065	ug/l	99
20) Methylene Chloride	4.716	84	78164	44.273	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	77665	47.219	ug/l	99
22) Diisopropyl ether	6.119	45	232158	47.107	ug/l	98
23) Vinyl Acetate	6.058	43	729541	251.715	ug/l	100
24) 1,1-Dichloroethane	6.015	63	140235	46.777	ug/l	99
25) 2-Butanone	6.984	43	147808	267.762	ug/l	97
26) 2,2-Dichloropropane	6.984	77	99950	45.746	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	87385	46.835	ug/l	98
28) Bromochloromethane	7.332	49	64219	59.220	ug/l	97
29) Tetrahydrofuran	7.344	42	90748	255.739	ug/l	97
30) Chloroform	7.509	83	147313	47.292	ug/l	98
31) Cyclohexane	7.783	56	124973	44.933	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	127514	47.894	ug/l	99
36) 1,1-Dichloropropene	7.917	75	115573	47.434	ug/l	99
37) Ethyl Acetate	7.070	43	64017	51.197	ug/l	97
38) Carbon Tetrachloride	7.899	117	121629	47.460	ug/l	96
39) Methylcyclohexane	9.185	83	138956	46.710	ug/l	97
40) Benzene	8.161	78	303735	46.734	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007142.D
 Acq On : 13 Jan 2022 14:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011322

Quant Time: Jan 14 05:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	33864m	47.029	ug/l	
42) 1,2-Dichloroethane	8.240	62	99084	48.413	ug/l	99
43) Isopropyl Acetate	8.271	43	121928	50.114	ug/l	97
44) Trichloroethene	8.941	130	82880	47.125	ug/l	99
45) 1,2-Dichloropropane	9.216	63	77012	46.596	ug/l	100
46) Dibromomethane	9.301	93	46899	47.986	ug/l	98
47) Bromodichloromethane	9.496	83	114716	47.745	ug/l	98
48) Methyl methacrylate	9.295	41	53967	48.766	ug/l	97
49) 1,4-Dioxane	9.307	88	9625	913.357	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	313174	253.859	ug/l	98
52) Toluene	10.246	92	194199	47.139	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	122916	48.462	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	135003	47.551	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	63318	47.762	ug/l	97
56) Ethyl methacrylate	10.508	69	92589	49.576	ug/l	96
57) 1,3-Dichloropropane	10.788	76	110713	47.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	216099	254.463	ug/l	99
59) 2-Hexanone	10.831	43	218736	261.261	ug/l	98
60) Dibromochloromethane	10.984	129	78086	47.915	ug/l	100
61) 1,2-Dibromoethane	11.087	107	62803	48.222	ug/l	100
64) Tetrachloroethene	10.721	164	67785	47.267	ug/l	95
65) Chlorobenzene	11.514	112	204119	46.920	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	76835	47.645	ug/l	99
67) Ethyl Benzene	11.593	91	389588	47.647	ug/l	99
68) m/p-Xylenes	11.703	106	288406	94.916	ug/l	99
69) o-Xylene	12.026	106	135372	47.309	ug/l	98
70) Styrene	12.044	104	231062	47.867	ug/l	100
71) Bromoform	12.209	173	46673	50.035	ug/l #	99
73) Isopropylbenzene	12.331	105	364816	45.970	ug/l	100
74) N-amyl acetate	12.142	43	105431	49.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	74798	48.470	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	55330m	52.811	ug/l	
77) Bromobenzene	12.605	156	78997	45.748	ug/l	96
78) n-propylbenzene	12.672	91	451380	45.883	ug/l	100
79) 2-Chlorotoluene	12.758	91	249611	45.635	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	301156	46.218	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	28577	49.935	ug/l #	96
82) 4-Chlorotoluene	12.855	91	265047	46.453	ug/l	99
83) tert-Butylbenzene	13.075	119	259614	46.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	295803	45.799	ug/l	99
85) sec-Butylbenzene	13.251	105	388078	46.072	ug/l	99
86) p-Isopropyltoluene	13.367	119	318034	45.945	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	156160	46.202	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	153991	45.309	ug/l	100
89) n-Butylbenzene	13.696	91	318043	46.663	ug/l	99
90) Hexachloroethane	13.959	117	63318	46.789	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	138031	45.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13024	48.866	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	85520	46.763	ug/l	98
94) Hexachlorobutadiene	15.111	225	42959	45.579	ug/l	98
95) Naphthalene	15.239	128	189260	48.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	73209	46.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007142.D
Acq On : 13 Jan 2022 14:23
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011322

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 05:51:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

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

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

