

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005397.D
 Acq On : 09 Jul 2021 13:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY070921

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:46:36 PM

Quant Time: Jul 10 07:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	347473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	500570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	455386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	241650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159143	48.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.780%		
35) Dibromofluoromethane	7.722	113	146544	49.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.185	98	610947	48.858	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.483	95	206497	48.987	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	157902	51.005	ug/l	99
3) Chloromethane	2.113	50	163072	51.772	ug/l	98
4) Vinyl Chloride	2.253	62	201211	51.646	ug/l	97
5) Bromomethane	2.650	94	147801	50.986	ug/l	100
6) Chloroethane	2.796	64	125885	51.515	ug/l	99
7) Trichlorofluoromethane	3.125	101	291869	50.878	ug/l	100
8) Diethyl Ether	3.534	74	101525	51.029	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	166415	51.590	ug/l	98
10) Methyl Iodide	4.095	142	191457	48.770	ug/l	100
11) Tert butyl alcohol	4.972	59	88981	207.005	ug/l	99
12) 1,1-Dichloroethene	3.875	96	171092	51.649	ug/l	96
13) Acrolein	3.735	56	59805	245.290	ug/l	99
14) Allyl chloride	4.485	41	246878	53.574	ug/l	98
15) Acrylonitrile	5.174	53	227621	251.394	ug/l	99
16) Acetone	3.954	43	185340	265.909	ug/l	98
17) Carbon Disulfide	4.198	76	537581	51.988	ug/l	99
18) Methyl Acetate	4.485	43	93793	48.555	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	462232	51.558	ug/l	100
20) Methylene Chloride	4.722	84	220259	57.858	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	189476	51.326	ug/l	98
22) Diisopropyl ether	6.131	45	487695	53.123	ug/l	96
23) Vinyl Acetate	6.070	43	1594586	262.509	ug/l	100
24) 1,1-Dichloroethane	6.027	63	309949	53.490	ug/l	99
25) 2-Butanone	6.996	43	277542	252.704	ug/l	99
26) 2,2-Dichloropropane	6.990	77	281726	52.391	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	211553	51.744	ug/l	99
28) Bromochloromethane	7.338	49	113908	52.372	ug/l	95
29) Tetrahydrofuran	7.356	42	183551	251.943	ug/l	97
30) Chloroform	7.515	83	318109	51.217	ug/l	99
31) Cyclohexane	7.789	56	300010	52.001	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	296700	51.597	ug/l	99
36) 1,1-Dichloropropene	7.923	75	257355	52.663	ug/l	99
37) Ethyl Acetate	7.082	43	121021	49.252	ug/l	99
38) Carbon Tetrachloride	7.905	117	279468	51.153	ug/l	98
39) Methylcyclohexane	9.185	83	342882	53.320	ug/l	98
40) Benzene	8.167	78	742311	51.825	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005397.D
 Acq On : 09 Jul 2021 13:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY070921

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:46:36 PM

Quant Time: Jul 10 07:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	59425m	42.402	ug/l	
42) 1,2-Dichloroethane	8.240	62	209339	50.606	ug/l	100
43) Isopropyl Acetate	8.277	43	231733	51.414	ug/l	100
44) Trichloroethene	8.941	130	213241	50.587	ug/l	95
45) 1,2-Dichloropropane	9.222	63	174267	52.078	ug/l	100
46) Dibromomethane	9.307	93	99838	50.920	ug/l	98
47) Bromodichloromethane	9.502	83	243711	51.329	ug/l	98
48) Methyl methacrylate	9.295	41	107356	51.523	ug/l	99
49) 1,4-Dioxane	9.301	88	31147	991.465	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	619199	248.608	ug/l	100
52) Toluene	10.246	92	485853	51.534	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	272285	51.354	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	305723	52.310	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	146112	50.219	ug/l	99
56) Ethyl methacrylate	10.514	69	210000	51.930	ug/l	99
57) 1,3-Dichloropropane	10.795	76	252602	51.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	381751	220.803	ug/l	98
59) 2-Hexanone	10.837	43	440018	252.952	ug/l	100
60) Dibromochloromethane	10.990	129	182793	50.284	ug/l	99
61) 1,2-Dibromoethane	11.093	107	141407	50.512	ug/l	100
64) Tetrachloroethene	10.721	164	199587	48.465	ug/l	98
65) Chlorobenzene	11.520	112	526657	51.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	194068	51.493	ug/l	100
67) Ethyl Benzene	11.593	91	941810	53.029	ug/l	99
68) m/p-Xylenes	11.703	106	750823	105.668	ug/l	99
69) o-Xylene	12.032	106	356107	52.688	ug/l	99
70) Styrene	12.044	104	607453	53.030	ug/l	100
71) Bromoform	12.209	173	126318	50.699	ug/l #	98
73) Isopropylbenzene	12.331	105	934888	53.162	ug/l	99
74) N-amyl acetate	12.148	43	220251	52.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	166510	51.020	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	115901m	49.592	ug/l	
77) Bromobenzene	12.611	156	230167	51.878	ug/l	98
78) n-propylbenzene	12.672	91	1114004	53.821	ug/l	99
79) 2-Chlorotoluene	12.758	91	608785	52.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	784731	53.492	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	63381	50.417	ug/l	99
82) 4-Chlorotoluene	12.855	91	635991	52.607	ug/l	100
83) tert-Butylbenzene	13.075	119	695118	53.297	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	783359	53.443	ug/l	100
85) sec-Butylbenzene	13.258	105	1021005	53.576	ug/l	99
86) p-Isopropyltoluene	13.373	119	888279	53.683	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	458817	52.163	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	448937	51.636	ug/l	100
89) n-Butylbenzene	13.696	91	790531	53.903	ug/l	100
90) Hexachloroethane	13.965	117	156671	52.888	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	402832	51.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	29864	48.380	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	283549	53.161	ug/l	99
94) Hexachlorobutadiene	15.111	225	180046	54.043	ug/l	99
95) Naphthalene	15.239	128	549091	52.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	248187	52.671	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
Data File : VY005397.D
Acq On : 09 Jul 2021 13:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY070921

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:46:36 PM

Quant Time: Jul 10 07:57:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 10 07:49:54 2021
Response via : Initial Calibration

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

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

