

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005809.D
 Acq On : 24 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:52:26 PM

Quant Time: Aug 25 04:27:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	213808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105972	48.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.920%		
35) Dibromofluoromethane	7.722	113	87760	51.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.380%		
50) Toluene-d8	10.185	98	358425	50.339	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.483	95	123349	52.314	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87397	49.769	ug/l	96
3) Chloromethane	2.119	50	103162	49.179	ug/l	100
4) Vinyl Chloride	2.260	62	137106	54.568	ug/l	100
5) Bromomethane	2.656	94	81384	49.210	ug/l	99
6) Chloroethane	2.802	64	78803	51.960	ug/l	97
7) Trichlorofluoromethane	3.131	101	172609	51.310	ug/l	100
8) Diethyl Ether	3.534	74	56175	47.811	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	95816	52.510	ug/l	99
10) Methyl Iodide	4.101	142	110570	48.638	ug/l	99
11) Tert butyl alcohol	4.960	59	46680	218.179	ug/l	98
12) 1,1-Dichloroethene	3.881	96	91379	49.592	ug/l	96
13) Acrolein	3.735	56	24631	190.810	ug/l	97
14) Allyl chloride	4.491	41	163950	50.801	ug/l	99
15) Acrylonitrile	5.168	53	146582	243.432	ug/l	99
16) Acetone	3.954	43	158806	291.032	ug/l	100
17) Carbon Disulfide	4.198	76	246821	43.454	ug/l	97
18) Methyl Acetate	4.485	43	66140	46.345	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	288443	50.531	ug/l	97
20) Methylene Chloride	4.723	84	116346	54.317	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	102416	49.715	ug/l	98
22) Diisopropyl ether	6.125	45	347930	52.258	ug/l	97
23) Vinyl Acetate	6.064	43	1129302	254.874	ug/l	100
24) 1,1-Dichloroethane	6.027	63	196321	53.207	ug/l	99
25) 2-Butanone	6.990	43	206624	256.166	ug/l	99
26) 2,2-Dichloropropane	6.990	77	186599	55.352	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	120411	51.392	ug/l	97
28) Bromochloromethane	7.338	49	65857	44.720	ug/l	99
29) Tetrahydrofuran	7.356	42	125360	234.977	ug/l	100
30) Chloroform	7.515	83	200729	53.301	ug/l	98
31) Cyclohexane	7.789	56	172306	46.415	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	186121	53.763	ug/l	99
36) 1,1-Dichloropropene	7.923	75	152442	53.598	ug/l	99
37) Ethyl Acetate	7.076	43	85367	49.545	ug/l	99
38) Carbon Tetrachloride	7.905	117	173330	56.073	ug/l	100
39) Methylcyclohexane	9.185	83	183839	50.805	ug/l	99
40) Benzene	8.167	78	432369	53.087	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005809.D
 Acq On : 24 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:52:26 PM

Quant Time: Aug 25 04:27:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	54857m	58.678	ug/l	
42) 1,2-Dichloroethane	8.240	62	140280	53.099	ug/l	99
43) Isopropyl Acetate	8.277	43	163732	50.192	ug/l	99
44) Trichloroethene	8.941	130	120581	54.245	ug/l	98
45) 1,2-Dichloropropane	9.222	63	109042	53.515	ug/l	100
46) Dibromomethane	9.307	93	60366	53.580	ug/l	98
47) Bromodichloromethane	9.502	83	155094	55.004	ug/l	99
48) Methyl methacrylate	9.295	41	75862	51.458	ug/l	99
49) 1,4-Dioxane	9.301	88	15750	1005.875	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	446987	260.189	ug/l	99
52) Toluene	10.246	92	279882	53.893	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	169490	53.786	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	185854	54.346	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	87371	53.597	ug/l	99
56) Ethyl methacrylate	10.514	69	127318	52.159	ug/l	98
57) 1,3-Dichloropropane	10.795	76	154309	53.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	307761	263.872	ug/l	99
59) 2-Hexanone	10.837	43	323103	266.098	ug/l	100
60) Dibromochloromethane	10.990	129	109618	54.336	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81001	52.456	ug/l	99
64) Tetrachloroethene	10.721	164	118005	56.410	ug/l	98
65) Chlorobenzene	11.520	112	305279	55.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	118513	56.936	ug/l	99
67) Ethyl Benzene	11.593	91	555939	55.437	ug/l	99
68) m/p-Xylenes	11.703	106	436780	112.137	ug/l	99
69) o-Xylene	12.032	106	206771	55.232	ug/l	100
70) Styrene	12.044	104	356885	56.635	ug/l	99
71) Bromoform	12.209	173	74939	55.517	ug/l #	99
73) Isopropylbenzene	12.331	105	558449	53.500	ug/l	100
74) N-amyl acetate	12.148	43	156792	49.899	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	100925	50.269	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69426m	44.801	ug/l	
77) Bromobenzene	12.611	156	134979	52.633	ug/l	99
78) n-propylbenzene	12.672	91	668612	53.931	ug/l	99
79) 2-Chlorotoluene	12.758	91	370839	53.270	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	468324	54.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	39708	51.654	ug/l	97
82) 4-Chlorotoluene	12.855	91	381686	52.990	ug/l	97
83) tert-Butylbenzene	13.075	119	417856	53.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	466335	54.557	ug/l	99
85) sec-Butylbenzene	13.252	105	616856	55.019	ug/l	99
86) p-Isopropyltoluene	13.367	119	531535	55.219	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	271247	54.206	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	264682	53.319	ug/l	99
89) n-Butylbenzene	13.697	91	485631	55.687	ug/l	99
90) Hexachloroethane	13.959	117	95524	55.196	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	238793	54.025	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18302	48.088	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	162043	53.369	ug/l	99
94) Hexachlorobutadiene	15.111	225	109455	55.675	ug/l	99
95) Naphthalene	15.239	128	299892	50.105	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	142420	52.946	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
Data File : VY005809.D
Acq On : 24 Aug 2021 09:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/25/2021 6:52:26 PM

Quant Time: Aug 25 04:27:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

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

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

