

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006422.D
 Acq On : 19 Oct 2021 12:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:49:20 PM

Quant Time: Oct 20 03:15:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68933	47.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.86%		
35) Dibromofluoromethane	7.722	113	50735	47.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.48%		
50) Toluene-d8	10.179	98	205697	45.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.54%		
62) 4-Bromofluorobenzene	12.483	95	73740	48.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56469	41.43	ug/l	98
3) Chloromethane	2.119	50	78339	49.34	ug/l	99
4) Vinyl Chloride	2.253	62	81063	46.07	ug/l	98
5) Bromomethane	2.656	94	54856	47.97	ug/l	100
6) Chloroethane	2.796	64	51914	50.14	ug/l	97
7) Trichlorofluoromethane	3.131	101	113467	48.96	ug/l	94
8) Diethyl Ether	3.534	74	38514	50.31	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	59328	47.95	ug/l	97
10) Methyl Iodide	4.101	142	60980	45.23	ug/l	96
11) Tert butyl alcohol	4.966	59	34782	276.47	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	58717	46.65	ug/l	96
13) Acrolein	3.735	56	19536	221.38	ug/l	99
14) Allyl chloride	4.491	41	116616	48.18	ug/l	97
15) Acrylonitrile	5.174	53	107505	267.01	ug/l	100
16) Acetone	3.948	43	125988	313.64	ug/l	99
17) Carbon Disulfide	4.204	76	178405	42.38	ug/l	98
18) Methyl Acetate	4.485	43	72139	53.26	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	195573	53.21	ug/l	97
20) Methylene Chloride	4.722	84	76631	55.77	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	66934	47.97	ug/l	96
22) Diisopropyl ether	6.125	45	246688	51.52	ug/l	97
23) Vinyl Acetate	6.070	43	753633	262.58	ug/l	98
24) 1,1-Dichloroethane	6.021	63	128347	49.93	ug/l	99
25) 2-Butanone	6.990	43	155851	278.53	ug/l	95
26) 2,2-Dichloropropane	6.984	77	124349	52.90	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	78850	50.46	ug/l	98
28) Bromochloromethane	7.338	49	55841	52.17	ug/l	94
29) Tetrahydrofuran	7.356	42	92528	261.79	ug/l	95
30) Chloroform	7.515	83	132664	51.74	ug/l	100
31) Cyclohexane	7.789	56	121605	44.63	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	123303	52.08	ug/l	98
36) 1,1-Dichloropropene	7.923	75	100345	50.17	ug/l	99
37) Ethyl Acetate	7.082	43	63557	54.55	ug/l	99
38) Carbon Tetrachloride	7.905	117	113156	53.58	ug/l	99
39) Methylcyclohexane	9.185	83	120173	47.84	ug/l	99
40) Benzene	8.167	78	290739	51.24	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006422.D
 Acq On : 19 Oct 2021 12:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:49:20 PM

Quant Time: Oct 20 03:15:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	41209m	54.53	ug/l	
42) 1,2-Dichloroethane	8.240	62	100203	54.81	ug/l	97
43) Isopropyl Acetate	8.277	43	124146	55.56	ug/l	98
44) Trichloroethene	8.941	130	77633	52.98	ug/l	94
45) 1,2-Dichloropropane	9.222	63	71785	51.39	ug/l	97
46) Dibromomethane	9.307	93	39519	53.13	ug/l	97
47) Bromodichloromethane	9.502	83	104344	54.48	ug/l	98
48) Methyl methacrylate	9.295	41	57495	53.63	ug/l	97
49) 1,4-Dioxane	9.301	88	10931	1126.41	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	328894	283.46	ug/l	98
52) Toluene	10.246	92	185399	52.68	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	112241	53.75	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	121746	53.04	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	56550	54.03	ug/l	97
56) Ethyl methacrylate	10.514	69	87009	54.70	ug/l	94
57) 1,3-Dichloropropane	10.795	76	101449	53.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	209449	268.72	ug/l	99
59) 2-Hexanone	10.831	43	243292	294.40	ug/l	97
60) Dibromochloromethane	10.984	129	70906	55.76	ug/l	100
61) 1,2-Dibromoethane	11.093	107	52801	53.28	ug/l	99
64) Tetrachloroethene	10.721	164	90374	59.48	ug/l	96
65) Chlorobenzene	11.520	112	193890	51.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	74993	54.44	ug/l	98
67) Ethyl Benzene	11.593	91	367834	52.21	ug/l	99
68) m/p-Xylenes	11.703	106	280771	105.01	ug/l	98
69) o-Xylene	12.032	106	133856	53.01	ug/l	99
70) Styrene	12.044	104	231688	54.03	ug/l	99
71) Bromoform	12.209	173	47373	55.30	ug/l #	99
73) Isopropylbenzene	12.331	105	359341	49.97	ug/l	100
74) N-amyl acetate	12.142	43	114733	51.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61067	47.02	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44121m	45.22	ug/l	
77) Bromobenzene	12.611	156	84955	50.39	ug/l	97
78) n-propylbenzene	12.672	91	440936	49.82	ug/l	99
79) 2-Chlorotoluene	12.758	91	246927	50.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	304091	50.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	25016	50.39	ug/l	98
82) 4-Chlorotoluene	12.855	91	254756	50.29	ug/l	100
83) tert-Butylbenzene	13.075	119	264055	51.37	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	304497	51.29	ug/l	100
85) sec-Butylbenzene	13.251	105	399108	51.38	ug/l	99
86) p-Isopropyltoluene	13.367	119	340149	51.89	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	172209	51.56	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	170379	51.73	ug/l	99
89) n-Butylbenzene	13.696	91	316911	50.88	ug/l	100
90) Hexachloroethane	13.959	117	61524	51.68	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	151041	51.71	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12714	51.39	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	100293	51.96	ug/l	100
94) Hexachlorobutadiene	15.111	225	64534	51.25	ug/l	98
95) Naphthalene	15.233	128	194952	50.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	87327	51.05	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
Data File : VY006422.D
Acq On : 19 Oct 2021 12:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/20/2021 5:49:20 PM

Quant Time: Oct 20 03:15:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

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

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

