

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006060.D
 Acq On : 17 Sep 2021 10:43
 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
 9/20/2021 6:52:08 PM

Quant Time: Sep 20 01:37:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98455	47.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.722	113	70840	49.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.185	98	298936	48.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.483	95	90086	43.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69440	44.117	ug/l	99
3) Chloromethane	2.119	50	89884	45.923	ug/l	96
4) Vinyl Chloride	2.259	62	103598	46.878	ug/l	98
5) Bromomethane	2.656	94	71117	49.603	ug/l	99
6) Chloroethane	2.802	64	63563	47.961	ug/l	99
7) Trichlorofluoromethane	3.131	101	140981	48.937	ug/l	92
8) Diethyl Ether	3.534	74	48362	51.066	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	71851	49.955	ug/l	98
10) Methyl Iodide	4.101	142	65700	43.149	ug/l	98
11) Tert butyl alcohol	4.960	59	54427	155.112	ug/l	99
12) 1,1-Dichloroethene	3.875	96	73709	49.546	ug/l	94
13) Acrolein	3.735	56	29385	236.288	ug/l	99
14) Allyl chloride	4.485	41	155924	49.100	ug/l	98
15) Acrylonitrile	5.174	53	136927	253.826	ug/l	99
16) Acetone	3.954	43	151867	267.528	ug/l	99
17) Carbon Disulfide	4.198	76	244519	49.214	ug/l	99
18) Methyl Acetate	4.485	43	71152	49.758	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	241778	50.410	ug/l	98
20) Methylene Chloride	4.722	84	89320	50.476	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	83803	50.235	ug/l	98
22) Diisopropyl ether	6.125	45	316156	51.233	ug/l	96
23) Vinyl Acetate	6.064	43	994895	255.507	ug/l	100
24) 1,1-Dichloroethane	6.027	63	158498	50.132	ug/l	99
25) 2-Butanone	6.990	43	205611	262.793	ug/l	99
26) 2,2-Dichloropropane	6.990	77	148739	49.661	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	95783	51.465	ug/l	99
28) Bromochloromethane	7.338	49	73798	53.136	ug/l #	98
29) Tetrahydrofuran	7.350	42	123517	251.183	ug/l	99
30) Chloroform	7.509	83	161277	50.876	ug/l	100
31) Cyclohexane	7.789	56	158159	47.704	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	147963	49.712	ug/l	99
36) 1,1-Dichloropropene	7.917	75	125344	50.142	ug/l	99
37) Ethyl Acetate	7.082	43	82262	47.636	ug/l	98
38) Carbon Tetrachloride	7.905	117	132515	48.694	ug/l	98
39) Methylcyclohexane	9.185	83	152725	49.294	ug/l	98
40) Benzene	8.167	78	359450	50.144	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006060.D
 Acq On : 17 Sep 2021 10:43
 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
 9/20/2021 6:52:08 PM

Quant Time: Sep 20 01:37:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	45443m	45.056	ug/l	
42) 1,2-Dichloroethane	8.240	62	124548	49.131	ug/l	98
43) Isopropyl Acetate	8.277	43	156211	48.564	ug/l	98
44) Trichloroethene	8.941	130	89634	50.177	ug/l	94
45) 1,2-Dichloropropane	9.222	63	89909	50.701	ug/l	95
46) Dibromomethane	9.307	93	48759	50.799	ug/l	99
47) Bromodichloromethane	9.502	83	125754	50.900	ug/l	98
48) Methyl methacrylate	9.295	41	72936	49.072	ug/l	97
49) 1,4-Dioxane	9.307	88	12552	947.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	425543	248.160	ug/l	99
52) Toluene	10.246	92	225519	51.053	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	136001	50.114	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	150161	51.303	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	68436	51.886	ug/l	99
56) Ethyl methacrylate	10.514	69	107437	50.954	ug/l	97
57) 1,3-Dichloropropane	10.795	76	124092	51.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	267026	241.911	ug/l	100
59) 2-Hexanone	10.837	43	303809	256.632	ug/l	98
60) Dibromochloromethane	10.990	129	83684	51.461	ug/l	99
61) 1,2-Dibromoethane	11.093	107	63509	50.978	ug/l	99
64) Tetrachloroethene	10.721	164	90132	51.160	ug/l	98
65) Chlorobenzene	11.520	112	229110	49.709	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	85900	50.004	ug/l	99
67) Ethyl Benzene	11.593	91	434764	49.626	ug/l	100
68) m/p-Xylenes	11.703	106	330907	99.610	ug/l	100
69) o-Xylene	12.032	106	157809	50.296	ug/l	98
70) Styrene	12.044	104	269936	50.221	ug/l	99
71) Bromoform	12.209	173	54746	50.897	ug/l #	99
73) Isopropylbenzene	12.331	105	372147	47.801	ug/l	100
74) N-amyl acetate	12.142	43	143410	53.343	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	69099	47.703	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	48576m	45.826	ug/l	
77) Bromobenzene	12.611	156	86863	47.816	ug/l	98
78) n-propylbenzene	12.672	91	457555	47.501	ug/l	100
79) 2-Chlorotoluene	12.758	91	252910	48.290	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	314071	48.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	26907	46.668	ug/l	97
82) 4-Chlorotoluene	12.855	91	262357	48.463	ug/l	100
83) tert-Butylbenzene	13.075	119	266375	48.236	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	312723	48.818	ug/l	100
85) sec-Butylbenzene	13.251	105	402123	48.643	ug/l	100
86) p-Isopropyltoluene	13.367	119	342825	48.575	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	175543	50.105	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	171227	48.726	ug/l	98
89) n-Butylbenzene	13.696	91	319285	48.378	ug/l	100
90) Hexachloroethane	13.959	117	60796	47.867	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	154661	50.289	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13828	48.119	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	100938	50.539	ug/l	100
94) Hexachlorobutadiene	15.111	225	62939	48.707	ug/l	98
95) Naphthalene	15.239	128	203418	51.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88448	51.105	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006060.D
Acq On : 17 Sep 2021 10:43
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
9/20/2021 6:52:08 PM

Quant Time: Sep 20 01:37:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

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

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

