

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006386.D
 Acq On : 13 Oct 2021 14:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:21:39 PM

Quant Time: Oct 14 07:29:18 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	140147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	197804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71143	47.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.722	113	56068	50.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.179	98	228796	49.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.483	95	79122	49.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66657	46.890	ug/l	98
3) Chloromethane	2.119	50	87523	52.859	ug/l	98
4) Vinyl Chloride	2.260	62	101850	55.502	ug/l	98
5) Bromomethane	2.656	94	69148	57.980	ug/l	99
6) Chloroethane	2.802	64	63431	58.746	ug/l	100
7) Trichlorofluoromethane	3.131	101	137934	57.066	ug/l	95
8) Diethyl Ether	3.534	74	45546	57.049	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	74775	57.950	ug/l	98
10) Methyl Iodide	4.101	142	70834	50.372	ug/l	95
11) Tert butyl alcohol	4.960	59	32831	250.216	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	74466	56.732	ug/l	92
13) Acrolein	3.735	56	23129	248.804	ug/l	98
14) Allyl chloride	4.491	41	149867	59.371	ug/l	96
15) Acrylonitrile	5.168	53	116908	278.413	ug/l	99
16) Acetone	3.948	43	111628	266.449	ug/l	97
17) Carbon Disulfide	4.198	76	233123	53.103	ug/l	99
18) Methyl Acetate	4.485	43	79120	56.007	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	222499	58.045	ug/l	97
20) Methylene Chloride	4.722	84	86802	60.923	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	84701	58.204	ug/l	94
22) Diisopropyl ether	6.125	45	256032	51.270	ug/l	95
23) Vinyl Acetate	6.064	43	736044	245.897	ug/l	98
24) 1,1-Dichloroethane	6.021	63	137776	51.391	ug/l	97
25) 2-Butanone	6.990	43	131299	224.988	ug/l	94
26) 2,2-Dichloropropane	6.990	77	129038	52.633	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	84609	51.913	ug/l	96
28) Bromochloromethane	7.338	49	58519	52.423	ug/l	93
29) Tetrahydrofuran	7.350	42	83474	226.450	ug/l	95
30) Chloroform	7.509	83	142128	53.145	ug/l	98
31) Cyclohexane	7.789	56	130117	45.787	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	132894	53.817	ug/l	98
36) 1,1-Dichloropropene	7.923	75	107737	51.932	ug/l	99
37) Ethyl Acetate	7.082	43	58133	48.101	ug/l	99
38) Carbon Tetrachloride	7.905	117	120969	55.221	ug/l	99
39) Methylcyclohexane	9.185	83	133588	51.265	ug/l	98
40) Benzene	8.167	78	310550	52.763	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006386.D
 Acq On : 13 Oct 2021 14:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:21:39 PM

Quant Time: Oct 14 07:29:18 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	7.332	41	39533m	50.428	ug/l	
42) 1,2-Dichloroethane	8.240	62	103480	54.567	ug/l	97
43) Isopropyl Acetate	8.277	43	113136	48.808	ug/l	96
44) Trichloroethene	8.941	130	82636	54.361	ug/l	97
45) 1,2-Dichloropropane	9.222	63	75577	52.159	ug/l	97
46) Dibromomethane	9.307	93	39965	51.798	ug/l	95
47) Bromodichloromethane	9.496	83	109553	55.146	ug/l	97
48) Methyl methacrylate	9.295	41	52685	47.378	ug/l	94
49) 1,4-Dioxane	9.301	88	9104	904.400	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	295464	245.489	ug/l	98
52) Toluene	10.246	92	198943	54.494	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	114789	52.995	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	127227	53.430	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	57062	52.561	ug/l	98
56) Ethyl methacrylate	10.514	69	83322	50.494	ug/l	95
57) 1,3-Dichloropropane	10.795	76	100879	51.352	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	189985	234.979	ug/l	97
59) 2-Hexanone	10.831	43	206194	240.538	ug/l	96
60) Dibromochloromethane	10.990	129	72112	54.672	ug/l	100
61) 1,2-Dibromoethane	11.093	107	51764	50.358	ug/l	99
64) Tetrachloroethene	10.721	164	94470	59.302	ug/l	98
65) Chlorobenzene	11.520	112	207255	52.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	78559	54.392	ug/l	99
67) Ethyl Benzene	11.593	91	395324	53.512	ug/l	99
68) m/p-Xylenes	11.703	106	304681	108.682	ug/l	97
69) o-Xylene	12.032	106	144016	54.393	ug/l	97
70) Styrene	12.044	104	245500	54.600	ug/l	99
71) Bromoform	12.209	173	46777	52.078	ug/l #	100
73) Isopropylbenzene	12.331	105	387775	52.865	ug/l	100
74) N-amyl acetate	12.142	43	108013	47.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	59818	45.154	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	43844m	44.051	ug/l	
77) Bromobenzene	12.611	156	89586	52.091	ug/l	93
78) n-propylbenzene	12.672	91	474295	52.529	ug/l	99
79) 2-Chlorotoluene	12.758	91	260368	52.112	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	327796	53.444	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23787	46.966	ug/l	98
82) 4-Chlorotoluene	12.855	91	270287	52.304	ug/l	100
83) tert-Butylbenzene	13.075	119	290987	55.492	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	323627	53.435	ug/l	99
85) sec-Butylbenzene	13.251	105	424459	53.563	ug/l	98
86) p-Isopropyltoluene	13.373	119	364789	54.552	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	181163	53.168	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	179562	53.446	ug/l	98
89) n-Butylbenzene	13.696	91	339644	53.453	ug/l	99
90) Hexachloroethane	13.965	117	66007	54.354	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158819	53.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11545	45.744	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	104294	52.971	ug/l	99
94) Hexachlorobutadiene	15.111	225	70529	54.910	ug/l	99
95) Naphthalene	15.239	128	191761	49.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	92005	52.723	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006386.D
Acq On : 13 Oct 2021 14:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:39 PM

Quant Time: Oct 14 07:29:18 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006386.D
Acq On : 13 Oct 2021 14:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:39 PM

Quant Time: Oct 14 07:29:18 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

