

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019659.D
 Acq On : 03 Aug 2021 14:32
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 15:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	675173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	1111189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	1037003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	506446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	422519	49.187	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.884	113	369640	50.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.660%		
50) Toluene-d8	10.323	98	1463679	50.993	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.615	95	530199	51.770	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	187468	49.496	ug/l	97
3) Chloromethane	2.215	50	233490	45.255	ug/l	96
4) Vinyl Chloride	2.367	62	355490	47.320	ug/l	98
5) Bromomethane	2.782	94	258218	45.925	ug/l	94
6) Chloroethane	2.928	64	234359	49.065	ug/l	98
7) Trichlorofluoromethane	3.269	101	268839	47.131	ug/l	95
8) Diethyl Ether	3.684	74	165803	46.961	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	318822	46.751	ug/l	98
10) Methyl Iodide	4.281	142	418139	47.586	ug/l	98
11) Tert butyl alcohol	5.190	59	96637	289.342	ug/l	97
12) 1,1-Dichloroethene	4.050	96	318192	47.298	ug/l	95
13) Acrolein	3.903	56	102522	279.936	ug/l	100
14) Allyl chloride	4.678	41	479592	49.413	ug/l	91
15) Acrylonitrile	5.373	53	380602	250.514	ug/l	99
16) Acetone	4.129	43	303493	239.128	ug/l	94
17) Carbon Disulfide	4.391	76	860217	48.352	ug/l	98
18) Methyl Acetate	4.678	43	171206	45.308	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	499039	50.449	ug/l	98
20) Methylene Chloride	4.921	84	407950	37.121	ug/l	99
21) trans-1,2-Dichloroethene	5.427	96	362064	48.571	ug/l	97
22) Diisopropyl ether	6.311	45	1038699	50.247	ug/l	95
23) Vinyl Acetate	6.257	43	3142872	260.704	ug/l	99
24) 1,1-Dichloroethane	6.220	63	687286	48.173	ug/l	100
25) 2-Butanone	7.177	43	465733	253.775	ug/l	97
26) 2,2-Dichloropropane	7.171	77	377520	47.674	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	406621	49.485	ug/l	99
28) Bromochloromethane	7.512	49	275115	48.933	ug/l	98
29) Tetrahydrofuran	7.537	42	302273	256.885	ug/l	97
30) Chloroform	7.677	83	700205	48.358	ug/l	98
31) Cyclohexane	7.958	56	567536	45.098	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	549011	48.850	ug/l	99
36) 1,1-Dichloropropene	8.086	75	534814	49.112	ug/l	99
37) Ethyl Acetate	7.256	43	218238	51.673	ug/l	99
38) Carbon Tetrachloride	8.067	117	503469	49.909	ug/l	95
39) Methylcyclohexane	9.335	83	615192	49.187	ug/l	99
40) Benzene	8.323	78	1471211	49.055	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019659.D
 Acq On : 03 Aug 2021 14:32
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 15:58:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	125942	52.911	ug/l	93
42) 1,2-Dichloroethane	8.403	62	463251	49.350	ug/l	99
43) Isopropyl Acetate	8.427	43	412578	51.501	ug/l	99
44) Trichloroethene	9.091	130	374455	48.541	ug/l	98
45) 1,2-Dichloropropane	9.372	63	372733	49.074	ug/l	99
46) Dibromomethane	9.463	93	196781	48.985	ug/l	100
47) Bromodichloromethane	9.646	83	505784	50.416	ug/l	99
48) Methyl methacrylate	9.439	41	186986	52.519	ug/l	96
49) 1,4-Dioxane	9.457	88	55920	1069.501	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	1086250	259.171	ug/l	99
52) Toluene	10.390	92	948334	50.194	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	503023	51.357	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	576400	50.332	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	276771	49.290	ug/l	98
56) Ethyl methacrylate	10.646	69	360022	53.313	ug/l	96
57) 1,3-Dichloropropane	10.933	76	493136	49.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	848351	270.457	ug/l	99
59) 2-Hexanone	10.969	43	737046	260.813	ug/l	97
60) Dibromochloromethane	11.128	129	308391	50.492	ug/l	98
61) 1,2-Dibromoethane	11.237	107	260966	49.842	ug/l	98
64) Tetrachloroethene	10.866	164	307617	47.797	ug/l	93
65) Chlorobenzene	11.658	112	959719	46.639	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	340012	48.247	ug/l	98
67) Ethyl Benzene	11.731	91	1848791	49.550	ug/l	99
68) m/p-Xylenes	11.841	106	1412930	99.134	ug/l	99
69) o-Xylene	12.164	106	659993	49.979	ug/l	94
70) Styrene	12.182	104	1138104	50.998	ug/l	99
71) Bromoform	12.353	173	167218	49.394	ug/l #	90
73) Isopropylbenzene	12.463	105	1799167	50.182	ug/l	100
74) N-amyl acetate	12.274	43	387346	51.354	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	330293	50.148	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	269602m	39.302	ug/l	
77) Bromobenzene	12.749	156	385097	48.935	ug/l	99
78) n-propylbenzene	12.804	91	2225950	50.495	ug/l	100
79) 2-Chlorotoluene	12.890	91	1280442	49.539	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	1559973	51.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	96103	51.261	ug/l	93
82) 4-Chlorotoluene	12.987	91	1319930	49.102	ug/l	99
83) tert-Butylbenzene	13.207	119	1339661	51.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1527100	50.179	ug/l	100
85) sec-Butylbenzene	13.383	105	2018530	50.611	ug/l	100
86) p-Isopropyltoluene	13.499	119	1640833	50.138	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	819366	49.419	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	779632	47.296	ug/l	99
89) n-Butylbenzene	13.822	91	1575094	48.923	ug/l	99
90) Hexachloroethane	14.091	117	297379	49.809	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	698737	47.973	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	54341	50.657	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	430447	47.636	ug/l	96
94) Hexachlorobutadiene	15.231	225	255992	48.734	ug/l	98
95) Naphthalene	15.365	128	878940	52.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	394812	49.430	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
Data File : VW019659.D
Acq On : 03 Aug 2021 14:32
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 15:58:27 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_W\Data\VW080321\
Data File : VW019659.D
Acq On : 03 Aug 2021 14:32
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 15:58:27 2021
Response via : Initial Calibration

