

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018347.D
 Acq On : 17 Mar 2021 15:18
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:12:26 PM

Quant Time: Mar 17 18:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:21:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	432179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	724913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	669508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	350285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	228448	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
35) Dibromofluoromethane	7.878	113	199291	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
50) Toluene-d8	10.323	98	813394	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.615	95	319361	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	141115	37.09	ug/l	99
3) Chloromethane	2.221	50	231419	66.71	ug/l	99
4) Vinyl Chloride	2.367	62	255745	52.13	ug/l	95
5) Bromomethane	2.782	94	181360	47.19	ug/l	99
6) Chloroethane	2.922	64	174876	57.16	ug/l	99
7) Trichlorofluoromethane	3.257	101	172128	38.33	ug/l	96
8) Diethyl Ether	3.678	74	103674	45.53	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	195054	38.89	ug/l	97
10) Methyl Iodide	4.275	142	288725	42.17	ug/l	96
11) Tert butyl alcohol	5.159	59	65055	280.57	ug/l	96
12) 1,1-Dichloroethene	4.038	96	203596	42.05	ug/l	95
13) Acrolein	3.891	56	44589	161.80	ug/l	99
14) Allyl chloride	4.666	41	280154	50.11	ug/l	97
15) Acrylonitrile	5.361	53	207913	227.12	ug/l	99
16) Acetone	4.117	43	155864	215.41	ug/l	97
17) Carbon Disulfide	4.385	76	563653	43.05	ug/l	97
18) Methyl Acetate	4.666	43	88203	47.18	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	303450	50.32	ug/l	98
20) Methylene Chloride	4.910	84	229531	34.45	ug/l	93
21) trans-1,2-Dichloroethene	5.422	96	237208	43.54	ug/l	91
22) Diisopropyl ether	6.306	45	569689	49.30	ug/l	98
23) Vinyl Acetate	6.251	43	1776515	252.43	ug/l	97
24) 1,1-Dichloroethane	6.214	63	412761	46.80	ug/l	99
25) 2-Butanone	7.165	43	244975	234.08	ug/l	100
26) 2,2-Dichloropropane	7.165	77	262431	47.31	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	257009	43.58	ug/l	92
28) Bromochloromethane	7.513	49	155288	47.41	ug/l	88
29) Tetrahydrofuran	7.525	42	160986	240.59	ug/l	96
30) Chloroform	7.671	83	429886	43.13	ug/l	94
31) Cyclohexane	7.952	56	369274	45.94	ug/l	90
32) 1,1,1-Trichloroethane	7.872	97	360997	42.60	ug/l	97
36) 1,1-Dichloropropene	8.080	75	355312	46.25	ug/l	99
37) Ethyl Acetate	7.251	43	118146	48.21	ug/l	98
38) Carbon Tetrachloride	8.067	117	332150	41.65	ug/l	95
39) Methylcyclohexane	9.336	83	449855	48.62	ug/l	97
40) Benzene	8.324	78	950695	47.01	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018347.D
 Acq On : 17 Mar 2021 15:18
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:12:26 PM

Quant Time: Mar 17 18:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:21:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	69778	51.12	ug/l	99
42) 1,2-Dichloroethane	8.397	62	293491	44.23	ug/l	100
43) Isopropyl Acetate	8.421	43	241346	51.76	ug/l	98
44) Trichloroethene	9.092	130	255745	44.37	ug/l	99
45) 1,2-Dichloropropane	9.366	63	226406	48.56	ug/l	97
46) Dibromomethane	9.457	93	126473	44.21	ug/l	97
47) Bromodichloromethane	9.640	83	335342	45.80	ug/l	97
48) Methyl methacrylate	9.433	41	116095	50.98	ug/l	96
49) 1,4-Dioxane	9.439	88	35576	995.53	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	592245	249.69	ug/l	97
52) Toluene	10.384	92	630870	47.13	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	342796	51.72	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	393271	50.45	ug/l	96
55) 1,1,2-Trichloroethane	10.787	97	173820	45.14	ug/l	98
56) Ethyl methacrylate	10.646	69	225740	50.95	ug/l	98
57) 1,3-Dichloropropane	10.927	76	306243	46.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	575783	257.41	ug/l	95
59) 2-Hexanone	10.963	43	404432	250.53	ug/l	98
60) Dibromochloromethane	11.128	129	212052	45.73	ug/l	97
61) 1,2-Dibromoethane	11.232	107	169321	44.96	ug/l	99
64) Tetrachloroethene	10.866	164	210934	44.78	ug/l #	87
65) Chlorobenzene	11.658	112	666483	44.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	242379	45.89	ug/l	97
67) Ethyl Benzene	11.731	91	1265183	45.71	ug/l	97
68) m/p-Xylenes	11.835	106	963783	93.53	ug/l	99
69) o-Xylene	12.164	106	447551	47.39	ug/l	98
70) Styrene	12.176	104	776272	47.98	ug/l	98
71) Bromoform	12.347	173	124641	50.06	ug/l #	100
73) Isopropylbenzene	12.463	105	1268894	43.31	ug/l	100
74) N-amyl acetate	12.274	43	234398	49.63	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	199292	42.06	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	159511m	48.67	ug/l	
77) Bromobenzene	12.743	156	261583	42.43	ug/l	97
78) n-propylbenzene	12.804	91	1485929	43.25	ug/l	98
79) 2-Chlorotoluene	12.890	91	858415	43.08	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	1084297	43.30	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	70005	52.79	ug/l	89
82) 4-Chlorotoluene	12.987	91	910801	43.51	ug/l	98
83) tert-Butylbenzene	13.207	119	937711	43.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1101420	44.01	ug/l	96
85) sec-Butylbenzene	13.384	105	1315353	44.30	ug/l	99
86) p-Isopropyltoluene	13.493	119	1203412	44.11	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	541599	43.47	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	561238	45.67	ug/l	99
89) n-Butylbenzene	13.823	91	1160020	44.48	ug/l	98
90) Hexachloroethane	14.091	117	220037	46.50	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	480731	44.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	35399	42.84	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	330177	44.55	ug/l	94
94) Hexachlorobutadiene	15.231	225	195563	45.97	ug/l	90
95) Naphthalene	15.365	128	605472	42.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	274233	43.44	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018347.D
Acq On : 17 Mar 2021 15:18
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/18/2021 4:12:26 PM

Quant Time: Mar 17 18:24:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 18:21:33 2021
Response via : Initial Calibration

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

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

