

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
 Data File : VW018246.D
 Acq On : 04 Mar 2021 12:49
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:12:19 AM

Quant Time: Mar 04 13:43:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 04 13:12:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	289158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	424509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	380857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	186634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	228686	67.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.98%	
35) Dibromofluoromethane	7.884	113	251166	91.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.94%	
50) Toluene-d8	10.323	98	930537	87.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	175.66%	
62) 4-Bromofluorobenzene	12.615	95	344730	91.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	183.50%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	198727	88.50	ug/l	99
3) Chloromethane	2.221	50	177069	73.36	ug/l	99
4) Vinyl Chloride	2.367	62	257426	68.70	ug/l	99
5) Bromomethane	2.782	94	180231	49.00	ug/l	90
6) Chloroethane	2.928	64	155335	60.88	ug/l	95
7) Trichlorofluoromethane	3.263	101	215505	78.64	ug/l	96
8) Diethyl Ether	3.684	74	128670	91.08	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.068	101	260243	85.60	ug/l	87
10) Methyl Iodide	4.281	142	410555	96.20	ug/l	93
11) Tert butyl alcohol	5.178	59	51373	277.02	ug/l #	83
12) 1,1-Dichloroethene	4.050	96	271737	90.22	ug/l	85
13) Acrolein	3.897	56	78812	360.18	ug/l	100
14) Allyl chloride	4.672	41	329821	79.81	ug/l	88
15) Acrylonitrile	5.367	53	241602	380.37	ug/l	99
16) Acetone	4.123	43	174957	300.64	ug/l #	88
17) Carbon Disulfide	4.391	76	739403	84.79	ug/l	99
18) Methyl Acetate	4.672	43	99334	72.10	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	280890	70.59	ug/l	97
20) Methylene Chloride	4.922	84	267120	72.33	ug/l	91
21) trans-1,2-Dichloroethene	5.428	96	300886	84.43	ug/l	94
22) Diisopropyl ether	6.312	45	647439	76.96	ug/l	92
23) Vinyl Acetate	6.257	43	1980679	375.17	ug/l #	93
24) 1,1-Dichloroethane	6.220	63	468779	79.55	ug/l	96
25) 2-Butanone	7.171	43	282601	345.46	ug/l	93
26) 2,2-Dichloropropane	7.171	77	257118	75.73	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	329941	87.70	ug/l	90
28) Bromochloromethane	7.513	49	170770	70.45	ug/l #	74
29) Tetrahydrofuran	7.531	42	186017	355.98	ug/l	91
30) Chloroform	7.677	83	503844	79.42	ug/l	98
31) Cyclohexane	7.958	56	414101	73.39	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	409818	78.48	ug/l	95
36) 1,1-Dichloropropene	8.086	75	401939	91.23	ug/l	96
37) Ethyl Acetate	7.250	43	133984	80.14	ug/l #	93
38) Carbon Tetrachloride	8.073	117	412474	95.24	ug/l	97
39) Methylcyclohexane	9.335	83	521980	95.63	ug/l	98
40) Benzene	8.323	78	1108866	92.27	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
 Data File : VW018246.D
 Acq On : 04 Mar 2021 12:49
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:12:19 AM

Quant Time: Mar 04 13:43:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 04 13:12:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	76754	80.55	ug/l	95
42) 1,2-Dichloroethane	8.403	62	299749	82.61	ug/l	95
43) Isopropyl Acetate	8.421	43	259647	85.73	ug/l #	94
44) Trichloroethene	9.092	130	343007	102.77	ug/l	88
45) 1,2-Dichloropropane	9.372	63	257861	90.52	ug/l	100
46) Dibromomethane	9.457	93	144641	87.14	ug/l #	82
47) Bromodichloromethane	9.646	83	377928	93.57	ug/l	99
48) Methyl methacrylate	9.433	41	134568	88.77	ug/l	87
49) 1,4-Dioxane	9.451	88	36812	1844.18	ug/l #	92
51) 4-Methyl-2-Pentanone	10.207	43	646486	416.83	ug/l	89
52) Toluene	10.390	92	741582	94.51	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	368163	99.37	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	442444	99.20	ug/l #	88
55) 1,1,2-Trichloroethane	10.786	97	205526	92.25	ug/l	98
56) Ethyl methacrylate	10.646	69	250000	97.51	ug/l #	86
57) 1,3-Dichloropropane	10.933	76	349768	91.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	623667	493.03	ug/l	92
59) 2-Hexanone	10.969	43	438391	423.08	ug/l	90
60) Dibromochloromethane	11.128	129	268015	103.55	ug/l	99
61) 1,2-Dibromoethane	11.237	107	207925	94.60	ug/l	96
64) Tetrachloroethene	10.866	164	282204	105.48	ug/l	96
65) Chlorobenzene	11.658	112	798314	94.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	294236	104.15	ug/l	99
67) Ethyl Benzene	11.731	91	1445464	94.33	ug/l	97
68) m/p-Xylenes	11.841	106	1104249	190.99	ug/l	99
69) o-Xylene	12.164	106	522728	97.71	ug/l	96
70) Styrene	12.182	104	869211	96.93	ug/l	98
71) Bromoform	12.347	173	156030	111.59	ug/l #	98
73) Isopropylbenzene	12.463	105	1443059	99.33	ug/l	100
74) N-amyl acetate	12.274	43	239974	94.66	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	221352	89.73	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	141021m	83.86	ug/l	
77) Bromobenzene	12.743	156	334015	103.31	ug/l	90
78) n-propylbenzene	12.804	91	1637673	93.59	ug/l	97
79) 2-Chlorotoluene	12.890	91	944672	98.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	1203763	99.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	70119	107.21	ug/l	92
82) 4-Chlorotoluene	12.987	91	972151	94.85	ug/l	98
83) tert-Butylbenzene	13.207	119	1065476	101.41	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	1191138	96.72	ug/l	98
85) sec-Butylbenzene	13.383	105	1403077	94.27	ug/l	97
86) p-Isopropyltoluene	13.499	119	1329580	97.79	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	636023	98.90	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	633973	99.18	ug/l	98
89) n-Butylbenzene	13.822	91	1231668	93.17	ug/l	98
90) Hexachloroethane	14.091	117	242169	104.34	ug/l	74
91) 1,2-Dichlorobenzene	13.871	146	560912	100.01	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	35343	85.60	ug/l	79
93) 1,2,4-Trichlorobenzene	15.127	180	432215	114.65	ug/l	98
94) Hexachlorobutadiene	15.231	225	271450	126.40	ug/l	98
95) Naphthalene	15.365	128	734839	102.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	378000	115.91	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018246.D
Acq On : 04 Mar 2021 12:49
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:12:19 AM

Quant Time: Mar 04 13:43:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 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\VW030421\
Data File : VW018246.D
Acq On : 04 Mar 2021 12:49
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:12:19 AM

Quant Time: Mar 04 13:43:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

