

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013102.D
 Acq On : 17 Sep 2019 20:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:27 AM

Quant Time: Sep 18 07:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	214616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	162504	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
35) Dibromofluoromethane	7.88	113	138673	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
50) Toluene-d8	10.32	98	540852	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	199061	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60444	51.344	ug/l	96
3) Chloromethane	2.21	50	82938	56.542	ug/l	99
4) Vinyl Chloride	2.36	62	107096	48.534	ug/l	98
5) Bromomethane	2.76	94	62470	46.358	ug/l	98
6) Chloroethane	2.91	64	69474	51.334	ug/l	92
7) Trichlorofluoromethane	3.25	101	64981	42.111	ug/l	99
8) Diethyl Ether	3.68	74	66177	54.924	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113158	48.350	ug/l	100
10) Methyl Iodide	4.27	142	149213	50.944	ug/l	99
11) Tert butyl alcohol	5.18	59	56008	295.282	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	103891	48.821	ug/l	94
13) Acrolein	3.89	56	59178	282.857	ug/l	100
14) Allyl chloride	4.67	41	212100	52.502	ug/l	97
15) Acrylonitrile	5.37	53	181570	295.048	ug/l	98
16) Acetone	4.12	43	159155	258.252	ug/l	97
17) Carbon Disulfide	4.38	76	190806	44.994	ug/l	100
18) Methyl Acetate	4.67	43	95318	58.760	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	240129	57.166	ug/l	95
20) Methylene Chloride	4.91	84	129200	56.881	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	114964	50.442	ug/l	98
22) Diisopropyl ether	6.31	45	488667	58.227	ug/l	97
23) Vinyl Acetate	6.25	43	1469227	292.292	ug/l	99
24) 1,1-Dichloroethane	6.21	63	259428	53.614	ug/l	99
25) 2-Butanone	7.17	43	257083	283.956	ug/l	99
26) 2,2-Dichloropropane	7.16	77	152921	49.778	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	146276	53.608	ug/l	99
28) Bromochloromethane	7.51	49	124840	61.296	ug/l	95
29) Tetrahydrofuran	7.52	42	159373	308.947	ug/l	97
30) Chloroform	7.67	83	260868	53.058	ug/l	97
31) Cyclohexane	7.95	56	191205	52.885	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	201177	49.686	ug/l	97
36) 1,1-Dichloropropene	8.08	75	180067	47.703	ug/l	100
37) Ethyl Acetate	7.25	43	111228	55.514	ug/l	99
38) Carbon Tetrachloride	8.06	117	174248	45.045	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013102.D
 Acq On : 17 Sep 2019 20:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:27 AM

Quant Time: Sep 18 07:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194447	47.009	ug/l	98
40) Benzene	8.32	78	523036	49.634	ug/l	99
41) Methacrylonitrile	7.48	41	71750	54.379	ug/l	97
42) 1,2-Dichloroethane	8.40	62	178592	50.556	ug/l	98
43) Isopropyl Acetate	8.42	43	212998	55.367	ug/l	99
44) Trichloroethene	9.09	130	136844	47.409	ug/l	97
45) 1,2-Dichloropropane	9.37	63	148206	52.935	ug/l	99
46) Dibromomethane	9.46	93	70394	52.479	ug/l	99
47) Bromodichloromethane	9.64	83	197071	52.377	ug/l	97
48) Methyl methacrylate	9.43	41	100766	55.812	ug/l	98
49) 1,4-Dioxane	9.46	88	22972	1022.056	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	561782	282.854	ug/l	100
52) Toluene	10.38	92	339604	50.716	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	195963	51.787	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	223820	51.695	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108458	53.076	ug/l	98
56) Ethyl methacrylate	10.65	69	156332	56.838	ug/l	99
57) 1,3-Dichloropropane	10.93	76	194985	53.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	425068	288.093	ug/l	99
59) 2-Hexanone	10.97	43	383152	277.053	ug/l	100
60) Dibromochloromethane	11.13	129	128059	51.836	ug/l	97
61) 1,2-Dibromoethane	11.23	107	101298	54.342	ug/l	98
64) Tetrachloroethene	10.86	164	118800	47.638	ug/l	97
65) Chlorobenzene	11.66	112	371018	49.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	142661	49.856	ug/l	99
67) Ethyl Benzene	11.73	91	680612	49.354	ug/l	99
68) m/p-Xylenes	11.84	106	502334	99.713	ug/l	100
69) o-Xylene	12.16	106	241957	51.229	ug/l	100
70) Styrene	12.18	104	431831	51.397	ug/l	99
71) Bromoform	12.35	173	78637	52.319	ug/l #	99
73) Isopropylbenzene	12.46	105	682154	47.954	ug/l	99
74) N-amyl acetate	12.27	43	203869	55.712	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	132617	53.079	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107235m	57.044	ug/l	
77) Bromobenzene	12.74	156	162673	49.638	ug/l	99
78) n-propylbenzene	12.80	91	806679	48.208	ug/l	100
79) 2-Chlorotoluene	12.89	91	473703	49.245	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	583092	48.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41297	49.834	ug/l	98
82) 4-Chlorotoluene	12.99	91	498225	49.089	ug/l	99
83) tert-Butylbenzene	13.21	119	519356	48.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	587821	49.429	ug/l	99
85) sec-Butylbenzene	13.38	105	710817	48.467	ug/l	99
86) p-Isopropyltoluene	13.50	119	651011	48.348	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	316318	48.759	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	312267	48.981	ug/l	99
89) n-Butylbenzene	13.82	91	620880	48.893	ug/l	99
90) Hexachloroethane	14.09	117	113476	47.027	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	286033	50.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22652	49.531	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
Data File : VW013102.D
Acq On : 17 Sep 2019 20:21
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:27:27 AM

Quant Time: Sep 18 07:11:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	213175	52.394	ug/l	99
94) Hexachlorobutadiene	15.24	225	133645	46.400	ug/l	98
95) Naphthalene	15.36	128	377374	55.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	183680	51.070	ug/l	99

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

