

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013076.D
 Acq On : 17 Sep 2019 07:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:38 PM

Quant Time: Sep 17 08:56:59 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	261729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145166	60.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.10%	
35) Dibromofluoromethane	7.88	113	121307	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.32	98	471967	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.62	95	173891	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43271	42.524	ug/l	97
3) Chloromethane	2.21	50	69253	55.523	ug/l	97
4) Vinyl Chloride	2.36	62	84593	45.155	ug/l	99
5) Bromomethane	2.76	94	53400	46.677	ug/l	93
6) Chloroethane	2.91	64	56571	49.236	ug/l	99
7) Trichlorofluoromethane	3.25	101	49692	37.932	ug/l	96
8) Diethyl Ether	3.67	74	60771	59.409	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91880	46.242	ug/l	98
10) Methyl Iodide	4.27	142	133793	53.806	ug/l	97
11) Tert butyl alcohol	5.18	59	59698	376.709	ug/l	99
12) 1,1-Dichloroethene	4.04	96	84020	46.507	ug/l	96
13) Acrolein	3.89	56	55280	311.951	ug/l	97
14) Allyl chloride	4.67	41	183511	53.506	ug/l	94
15) Acrylonitrile	5.37	53	184081	352.340	ug/l	99
16) Acetone	4.12	43	145444	279.607	ug/l	97
17) Carbon Disulfide	4.38	76	151130	41.978	ug/l	100
18) Methyl Acetate	4.67	43	101725	73.865	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	229632	64.392	ug/l	95
20) Methylene Chloride	4.92	84	117446	61.314	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	100665	52.025	ug/l	94
22) Diisopropyl ether	6.31	45	450502	63.228	ug/l	95
23) Vinyl Acetate	6.25	43	1342315	314.548	ug/l	99
24) 1,1-Dichloroethane	6.21	63	227867	55.468	ug/l	99
25) 2-Butanone	7.17	43	250964	326.508	ug/l	100
26) 2,2-Dichloropropane	7.17	77	118691	45.101	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	132072	57.013	ug/l	97
28) Bromochloromethane	7.51	49	104600	60.495	ug/l #	100
29) Tetrahydrofuran	7.52	42	160685	366.902	ug/l	98
30) Chloroform	7.67	83	233328	55.899	ug/l	95
31) Cyclohexane	7.95	56	154875	50.243	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	170743	49.671	ug/l	98
36) 1,1-Dichloropropene	8.08	75	148994	44.562	ug/l	98
37) Ethyl Acetate	7.25	43	112286	63.271	ug/l	99
38) Carbon Tetrachloride	8.07	117	146884	42.869	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013076.D
 Acq On : 17 Sep 2019 07:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:38 PM

Quant Time: Sep 17 08:56:59 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	163156	44.532	ug/l	97
40) Benzene	8.32	78	464479	49.762	ug/l	98
41) Methacrylonitrile	7.48	41	69438	59.415	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163247	52.173	ug/l	98
43) Isopropyl Acetate	8.42	43	210951	61.908	ug/l	98
44) Trichloroethene	9.09	130	122081	47.750	ug/l	93
45) 1,2-Dichloropropane	9.37	63	134772	54.346	ug/l	97
46) Dibromomethane	9.46	93	66820	56.240	ug/l	99
47) Bromodichloromethane	9.64	83	176518	52.966	ug/l	99
48) Methyl methacrylate	9.43	41	100240	62.682	ug/l	96
49) 1,4-Dioxane	9.46	88	26278	1319.949	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	569925	323.967	ug/l	99
52) Toluene	10.39	92	300136	50.603	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	177175	52.861	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	200522	52.287	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	106534	58.860	ug/l	97
56) Ethyl methacrylate	10.65	69	154660	63.483	ug/l	98
57) 1,3-Dichloropropane	10.93	76	184900	57.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	403001	308.368	ug/l	99
59) 2-Hexanone	10.97	43	383050	312.706	ug/l	99
60) Dibromochloromethane	11.13	129	120885	55.243	ug/l	96
61) 1,2-Dibromoethane	11.24	107	97721	59.185	ug/l	100
64) Tetrachloroethene	10.86	164	117596	52.636	ug/l	93
65) Chlorobenzene	11.66	112	337273	50.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	130931	51.076	ug/l	98
67) Ethyl Benzene	11.73	91	612593	49.585	ug/l	99
68) m/p-Xylenes	11.84	106	446803	98.999	ug/l	99
69) o-Xylene	12.16	106	215426	50.913	ug/l	99
70) Styrene	12.18	104	391471	52.010	ug/l	99
71) Bromoform	12.35	173	74190	55.098	ug/l	98
73) Isopropylbenzene	12.46	105	606778	48.870	ug/l	100
74) N-amyl acetate	12.27	43	194615	60.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	128643	58.990	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	84018m	51.206	ug/l	
77) Bromobenzene	12.74	156	149977	52.433	ug/l	99
78) n-propylbenzene	12.80	91	696219	47.669	ug/l	100
79) 2-Chlorotoluene	12.89	91	419818	50.003	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	513251	48.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38394	53.082	ug/l	98
82) 4-Chlorotoluene	12.99	91	440456	49.721	ug/l	100
83) tert-Butylbenzene	13.21	119	457482	48.691	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	519708	50.069	ug/l	99
85) sec-Butylbenzene	13.38	105	609389	47.605	ug/l	99
86) p-Isopropyltoluene	13.50	119	568359	48.360	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	281300	49.679	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	280444	50.399	ug/l	99
89) n-Butylbenzene	13.82	91	522107	47.106	ug/l	100
90) Hexachloroethane	14.09	117	103041	48.924	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	261463	52.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22732	56.948	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013076.D
Acq On : 17 Sep 2019 07:57
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/18/2019 2:01:38 PM

Quant Time: Sep 17 08:56:59 2019
Quant Method : Z:\V0ASRV\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	184535	51.964	ug/l	99
94) Hexachlorobutadiene	15.24	225	117106	46.582	ug/l	98
95) Naphthalene	15.36	128	364725	61.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	165652	52.769	ug/l	98

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

