

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013221.D
 Acq On : 23 Sep 2019 10:32
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:35:36 AM

Quant Time: Sep 24 06:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	531578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	459871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	233912	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155619	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.88	113	158199	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
50) Toluene-d8	10.32	98	656063	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	221927	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	112926	51.984	ug/l	98
3) Chloromethane	2.21	50	128335	45.958	ug/l	98
4) Vinyl Chloride	2.36	62	179355	49.820	ug/l	99
5) Bromomethane	2.78	94	112971	49.518	ug/l	89
6) Chloroethane	2.92	64	105232	49.590	ug/l	100
7) Trichlorofluoromethane	3.25	101	103500	49.858	ug/l	99
8) Diethyl Ether	3.67	74	85422	48.176	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	171888	50.859	ug/l	99
10) Methyl Iodide	4.27	142	261632	49.931	ug/l	99
11) Tert butyl alcohol	5.20	59	52004	234.413	ug/l	100
12) 1,1-Dichloroethene	4.04	96	178124	50.896	ug/l	99
13) Acrolein	3.89	56	46460	262.590	ug/l	98
14) Allyl chloride	4.67	41	289215	51.925	ug/l	99
15) Acrylonitrile	5.37	53	189066	247.042	ug/l	99
16) Acetone	4.12	43	201777	291.114	ug/l	97
17) Carbon Disulfide	4.38	76	531619	52.555	ug/l	99
18) Methyl Acetate	4.67	43	88995	45.677	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	270264	50.387	ug/l	100
20) Methylene Chloride	4.91	84	179293	50.615	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	191980	50.754	ug/l	99
22) Diisopropyl ether	6.31	45	536476	50.651	ug/l	99
23) Vinyl Acetate	6.25	43	1621159	258.004	ug/l	99
24) 1,1-Dichloroethane	6.21	63	319311	49.961	ug/l	99
25) 2-Butanone	7.17	43	261337	251.168	ug/l	96
26) 2,2-Dichloropropane	7.16	77	199986	52.461	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	200007	50.104	ug/l	99
28) Bromochloromethane	7.51	49	133908	54.590	ug/l	100
29) Tetrahydrofuran	7.53	42	155000	242.910	ug/l	99
30) Chloroform	7.67	83	302401	48.328	ug/l	97
31) Cyclohexane	7.95	56	324975	48.779	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	254190	50.157	ug/l	99
36) 1,1-Dichloropropene	8.08	75	265778	51.621	ug/l	99
37) Ethyl Acetate	7.24	43	109258	49.930	ug/l	99
38) Carbon Tetrachloride	8.07	117	240931	52.201	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013221.D
 Acq On : 23 Sep 2019 10:32
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:35:36 AM

Quant Time: Sep 24 06:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	347955	52.588	ug/l	98
40) Benzene	8.32	78	742783	51.721	ug/l	100
41) Methacrylonitrile	7.48	41	74158	56.783	ug/l	93
42) 1,2-Dichloroethane	8.40	62	194623	50.413	ug/l	99
43) Isopropyl Acetate	8.42	43	212588	50.690	ug/l	98
44) Trichloroethene	9.09	130	205789	51.073	ug/l	97
45) 1,2-Dichloropropane	9.37	63	178012	50.771	ug/l	97
46) Dibromomethane	9.46	93	84995	49.931	ug/l	97
47) Bromodichloromethane	9.64	83	225023	51.951	ug/l	96
48) Methyl methacrylate	9.43	41	107411	54.466	ug/l	94
49) 1,4-Dioxane	9.46	88	23459	918.094	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	526539	250.436	ug/l	98
52) Toluene	10.38	92	475575	51.670	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	235561	52.934	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	287434	53.123	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	129644	50.954	ug/l	99
56) Ethyl methacrylate	10.65	69	175806	52.798	ug/l	99
57) 1,3-Dichloropropane	10.93	76	226499	51.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	417941	271.122	ug/l	100
59) 2-Hexanone	10.97	43	396011	273.771	ug/l	100
60) Dibromochloromethane	11.13	129	155028	53.661	ug/l	100
61) 1,2-Dibromoethane	11.23	107	123820	51.184	ug/l	100
64) Tetrachloroethene	10.86	164	179827	51.538	ug/l	98
65) Chlorobenzene	11.66	112	483907	50.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	171066	52.143	ug/l	99
67) Ethyl Benzene	11.73	91	902348	51.860	ug/l	99
68) m/p-Xylenes	11.84	106	690721	104.176	ug/l	99
69) o-Xylene	12.16	106	319364	51.808	ug/l	98
70) Styrene	12.18	104	557947	52.721	ug/l	100
71) Bromoform	12.35	173	92001	53.081	ug/l #	100
73) Isopropylbenzene	12.46	105	899231	52.041	ug/l	99
74) N-amyl acetate	12.27	43	197483	51.505	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	145568	50.373	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	110812m	53.642	ug/l	
77) Bromobenzene	12.74	156	208152	50.834	ug/l	99
78) n-propylbenzene	12.80	91	1055336	52.177	ug/l	100
79) 2-Chlorotoluene	12.89	91	585774	51.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	748913	51.560	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	49469	53.735	ug/l	96
82) 4-Chlorotoluene	12.99	91	610881	51.123	ug/l	100
83) tert-Butylbenzene	13.21	119	663400	52.036	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	743483	51.439	ug/l	99
85) sec-Butylbenzene	13.38	105	916573	52.147	ug/l	100
86) p-Isopropyltoluene	13.50	119	850101	52.146	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	401223	50.913	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	397964	51.491	ug/l	100
89) n-Butylbenzene	13.82	91	791354	53.162	ug/l	100
90) Hexachloroethane	14.09	117	147461	53.844	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	352966	51.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22237	50.308	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
Data File : VW013221.D
Acq On : 23 Sep 2019 10:32
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/25/2019 12:35:36 AM

Quant Time: Sep 24 06:51:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	266553	54.561	ug/l	99
94) Hexachlorobutadiene	15.24	225	170849	51.117	ug/l	99
95) Naphthalene	15.36	128	444699	55.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	228694	54.176	ug/l	99

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

