

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013454.D
 Acq On : 07 Oct 2019 11:16
 Operator : SY/VA
 Sample : VW1007SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:31:07 PM

Quant Time: Oct 07 17:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	184563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112358	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	113509	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	475740	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	161015	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	27178	23.119	ug/l	92
3) Chloromethane	2.21	50	40029	20.635	ug/l	97
4) Vinyl Chloride	2.36	62	56595	20.557	ug/l	99
5) Bromomethane	2.77	94	32771	19.375	ug/l	94
6) Chloroethane	2.91	64	30228	19.015	ug/l	98
7) Trichlorofluoromethane	3.25	101	23887	19.999	ug/l	90
8) Diethyl Ether	3.67	74	27215	19.686	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53348	20.146	ug/l	99
10) Methyl Iodide	4.26	142	83427	19.508	ug/l	99
11) Tert butyl alcohol	5.20	59	25817m	126.857	ug/l	
12) 1,1-Dichloroethene	4.03	96	55991	20.013	ug/l	95
13) Acrolein	3.89	56	22065	102.675	ug/l	97
14) Allyl chloride	4.66	41	85519	20.663	ug/l	98
15) Acrylonitrile	5.37	53	67020	107.242	ug/l	99
16) Acetone	4.13	43	58522	84.132	ug/l	98
17) Carbon Disulfide	4.38	76	158650	20.326	ug/l	97
18) Methyl Acetate	4.67	43	33364	20.493	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	83542	20.288	ug/l	99
20) Methylene Chloride	4.92	84	59575	19.421	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	58638	19.681	ug/l	96
22) Diisopropyl ether	6.31	45	157306	19.681	ug/l	98
23) Vinyl Acetate	6.25	43	498153	103.867	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96801	19.884	ug/l	99
25) 2-Butanone	7.17	43	87384	98.177	ug/l	93
26) 2,2-Dichloropropane	7.16	77	62080	21.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62060	19.899	ug/l	98
28) Bromochloromethane	7.51	49	31069	17.651	ug/l	97
29) Tetrahydrofuran	7.53	42	56583	114.752	ug/l	99
30) Chloroform	7.67	83	92030	19.278	ug/l	99
31) Cyclohexane	7.95	56	104252	20.080	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76447	20.441	ug/l	98
36) 1,1-Dichloropropene	8.08	75	81832	21.030	ug/l	100
37) Ethyl Acetate	7.25	43	40716	23.787	ug/l	99
38) Carbon Tetrachloride	8.06	117	70716	20.979	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013454.D
 Acq On : 07 Oct 2019 11:16
 Operator : SY/VA
 Sample : VW1007SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:31:07 PM

Quant Time: Oct 07 17:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	106880	20.856	ug/l	97
40) Benzene	8.32	78	224731	20.402	ug/l	100
41) Methacrylonitrile	7.48	41	22461	21.692	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58993	20.838	ug/l	98
43) Isopropyl Acetate	8.42	43	70822	21.911	ug/l	99
44) Trichloroethene	9.09	130	64435	20.773	ug/l	96
45) 1,2-Dichloropropane	9.37	63	53204	20.117	ug/l	97
46) Dibromomethane	9.46	93	26655	20.234	ug/l	94
47) Bromodichloromethane	9.64	83	66834	20.609	ug/l	93
48) Methyl methacrylate	9.43	41	35147	22.631	ug/l	96
49) 1,4-Dioxane	9.46	88	10908	527.087	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	187955	110.678	ug/l	99
52) Toluene	10.38	92	146013	20.551	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70436	20.881	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85469	20.898	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40243	20.478	ug/l	96
56) Ethyl methacrylate	10.65	69	56280	21.277	ug/l	96
57) 1,3-Dichloropropane	10.93	76	70864	20.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	125898	115.871	ug/l	98
59) 2-Hexanone	10.96	43	129919	110.374	ug/l	99
60) Dibromochloromethane	11.13	129	47324	21.050	ug/l	98
61) 1,2-Dibromoethane	11.23	107	40298	21.221	ug/l	98
64) Tetrachloroethene	10.86	164	55163	20.296	ug/l	98
65) Chlorobenzene	11.66	112	149744	20.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52677	21.132	ug/l	98
67) Ethyl Benzene	11.73	91	276090	21.048	ug/l	99
68) m/p-Xylenes	11.84	106	210373	41.550	ug/l	100
69) o-Xylene	12.16	106	95222	20.341	ug/l	99
70) Styrene	12.18	104	165431	20.673	ug/l	99
71) Bromoform	12.35	173	29880	22.109	ug/l #	99
73) Isopropylbenzene	12.46	105	273829	20.283	ug/l	98
74) N-amyl acetate	12.27	43	60909	21.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49399	21.619	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	45096m	27.492	ug/l	
77) Bromobenzene	12.74	156	64823	19.997	ug/l	100
78) n-propylbenzene	12.80	91	316348	20.371	ug/l	100
79) 2-Chlorotoluene	12.89	91	176183	20.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	225116	20.073	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	16224	23.466	ug/l	95
82) 4-Chlorotoluene	12.99	91	183274	20.284	ug/l	97
83) tert-Butylbenzene	13.21	119	200842	20.503	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	221058	19.828	ug/l	100
85) sec-Butylbenzene	13.38	105	280367	20.759	ug/l	99
86) p-Isopropyltoluene	13.50	119	258261	20.634	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	121563	19.932	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	121862	19.956	ug/l	99
89) n-Butylbenzene	13.82	91	234644	20.794	ug/l	99
90) Hexachloroethane	14.09	117	43312	20.946	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	108353	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7797	22.813	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
Data File : VW013454.D
Acq On : 07 Oct 2019 11:16
Operator : SY/VA
Sample : VW1007SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Manual Integrations
APPROVED

MMDadoda
10/8/2019 1:31:07 PM

Quant Time: Oct 07 17:06:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78510	20.291	ug/l	98
94) Hexachlorobutadiene	15.23	225	52728	20.979	ug/l	99
95) Naphthalene	15.36	128	143847	22.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	69346	20.528	ug/l	99

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

