

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012908.D
 Acq On : 11 Sep 2019 11:14
 Operator : SY/VA
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 1:32:41 AM

Quant Time: Sep 11 12:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	104719	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.88	113	89120	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.32	98	355516	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	124918	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25452	22.519	ug/l	93
3) Chloromethane	2.21	50	30983	22.557	ug/l	98
4) Vinyl Chloride	2.35	62	40538	24.070	ug/l	99
5) Bromomethane	2.72	94	21281	23.270	ug/l	97
6) Chloroethane	2.89	64	23329	23.213	ug/l	97
7) Trichlorofluoromethane	3.24	101	24844	21.377	ug/l	95
8) Diethyl Ether	3.67	74	19456	19.918	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38444	21.079	ug/l	97
10) Methyl Iodide	4.26	142	50366	21.937	ug/l	97
11) Tert butyl alcohol	5.16	59	19843	111.336	ug/l	98
12) 1,1-Dichloroethene	4.03	96	36061	20.945	ug/l	91
13) Acrolein	3.89	56	11914	62.993	ug/l	99
14) Allyl chloride	4.65	41	66194	18.586	ug/l	97
15) Acrylonitrile	5.35	53	47037	82.445	ug/l	98
16) Acetone	4.11	43	50723	79.872	ug/l	100
17) Carbon Disulfide	4.37	76	74185	20.299	ug/l	96
18) Methyl Acetate	4.67	43	23418	15.718	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	63517	18.602	ug/l	98
20) Methylene Chloride	4.91	84	41771	21.025	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	38048	21.658	ug/l	87
22) Diisopropyl ether	6.31	45	136155	19.275	ug/l	98
23) Vinyl Acetate	6.24	43	389803	87.074	ug/l	99
24) 1,1-Dichloroethane	6.21	63	75892	19.953	ug/l	98
25) 2-Butanone	7.17	43	67764	86.446	ug/l	98
26) 2,2-Dichloropropane	7.16	77	50214	20.903	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	44583	21.887	ug/l	97
28) Bromochloromethane	7.51	49	29590	16.943	ug/l #	89
29) Tetrahydrofuran	7.52	42	38521	75.115	ug/l	93
30) Chloroform	7.67	83	76879	20.395	ug/l	100
31) Cyclohexane	7.95	56	68520	20.011	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	64019	20.952	ug/l	99
36) 1,1-Dichloropropene	8.08	75	59103	21.771	ug/l	98
37) Ethyl Acetate	7.24	43	27389	15.827	ug/l	97
38) Carbon Tetrachloride	8.07	117	58713	21.940	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012908.D
 Acq On : 11 Sep 2019 11:14
 Operator : SY/VA
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 1:32:41 AM

Quant Time: Sep 11 12:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	65199	21.384	ug/l	98
40) Benzene	8.32	78	159606	21.190	ug/l	96
41) Methacrylonitrile	7.48	41	18668	18.489	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53330	20.118	ug/l	100
43) Isopropyl Acetate	8.42	43	54275	16.554	ug/l	96
44) Trichloroethene	9.09	130	43315	22.310	ug/l	91
45) 1,2-Dichloropropane	9.37	63	41976	20.094	ug/l	99
46) Dibromomethane	9.46	93	19581	19.794	ug/l	95
47) Bromodichloromethane	9.64	83	55172	20.272	ug/l	97
48) Methyl methacrylate	9.43	41	25901	16.531	ug/l	99
49) 1,4-Dioxane	9.45	88	7120	364.376	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	140286	81.543	ug/l	96
52) Toluene	10.38	92	102740	21.855	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	53772	19.214	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62293	19.622	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29272	19.765	ug/l	98
56) Ethyl methacrylate	10.65	69	38272	17.654	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53520	19.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	101425	88.127	ug/l	95
59) 2-Hexanone	10.97	43	95952	76.340	ug/l	96
60) Dibromochloromethane	11.12	129	33742	19.372	ug/l	99
61) 1,2-Dibromoethane	11.23	107	26549	19.553	ug/l	99
64) Tetrachloroethene	10.86	164	37235	23.449	ug/l	97
65) Chlorobenzene	11.66	112	107003	21.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39932	21.679	ug/l	100
67) Ethyl Benzene	11.73	91	201713	21.736	ug/l	97
68) m/p-Xylenes	11.84	106	147211	43.948	ug/l	100
69) o-Xylene	12.16	106	70180	22.208	ug/l	96
70) Styrene	12.18	104	121136	21.693	ug/l	99
71) Bromoform	12.35	173	19473	19.029	ug/l #	97
73) Isopropylbenzene	12.46	105	199756	20.882	ug/l	99
74) N-amyl acetate	12.27	43	48743	16.053	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	33359	17.364	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	27289m	20.009	ug/l	
77) Bromobenzene	12.75	156	45328	20.915	ug/l	93
78) n-propylbenzene	12.80	91	240022	20.979	ug/l	100
79) 2-Chlorotoluene	12.89	91	137444	20.926	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	174125	21.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10238	15.877	ug/l	94
82) 4-Chlorotoluene	12.99	91	143967	20.722	ug/l	99
83) tert-Butylbenzene	13.21	119	150990	21.184	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	172801	21.275	ug/l	100
85) sec-Butylbenzene	13.38	105	213597	21.597	ug/l	98
86) p-Isopropyltoluene	13.50	119	192938	21.357	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	90105	21.152	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89410	21.093	ug/l	100
89) n-Butylbenzene	13.82	91	182951	20.860	ug/l	99
90) Hexachloroethane	14.09	117	32319	20.493	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	80501	20.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5774	16.423	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091119\
Data File : VW012908.D
Acq On : 11 Sep 2019 11:14
Operator : SY/VA
Sample : VW0911SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS01

Manual Integrations
APPROVED

MMDadoda
9/13/2019 1:32:41 AM

Quant Time: Sep 11 12:40:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55957	20.962	ug/l	98
94) Hexachlorobutadiene	15.24	225	41050	22.217	ug/l	99
95) Naphthalene	15.36	128	85292	18.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	47147	20.009	ug/l	99

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

