

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012177.D
 Acq On : 26 Aug 2019 18:14
 Operator : SY/VA
 Sample : VW0826SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:30 AM

Quant Time: Aug 27 05:42:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	156541	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	126488	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
50) Toluene-d8	10.32	98	518711	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.62	95	184214	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28876	18.485	ug/l	92
3) Chloromethane	2.20	50	44616	18.435	ug/l	100
4) Vinyl Chloride	2.35	62	53500	18.060	ug/l	100
5) Bromomethane	2.78	94	29043	19.359	ug/l	99
6) Chloroethane	2.91	64	29890	17.887	ug/l	99
7) Trichlorofluoromethane	3.25	101	28092	18.886	ug/l	93
8) Diethyl Ether	3.67	74	28048	19.866	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50336	19.909	ug/l	99
10) Methyl Iodide	4.26	142	63544	18.575	ug/l	99
11) Tert butyl alcohol	5.12	59	3723	20.513	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	49203	19.335	ug/l	99
13) Acrolein	3.90	56	16293	95.366	ug/l	96
14) Allyl chloride	4.66	41	104436	19.196	ug/l	99
15) Acrylonitrile	5.38	53	66187	94.579	ug/l	98
16) Acetone	4.17	43	64323	83.435	ug/l	99
17) Carbon Disulfide	4.37	76	133025	17.297	ug/l	98
18) Methyl Acetate	4.68	43	37138	19.449	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82950	20.156	ug/l	98
20) Methylene Chloride	4.92	84	58544	20.087	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	52593	19.273	ug/l	98
22) Diisopropyl ether	6.31	45	206635	20.491	ug/l	93
23) Vinyl Acetate	6.26	43	608724	98.086	ug/l	98
24) 1,1-Dichloroethane	6.21	63	110391	20.105	ug/l	99
25) 2-Butanone	7.18	43	96404	92.022	ug/l	99
26) 2,2-Dichloropropane	7.16	77	64939	20.895	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59109	20.273	ug/l	99
28) Bromochloromethane	7.51	49	50334	21.033	ug/l	99
29) Tetrahydrofuran	7.54	42	58435	92.972	ug/l	99
30) Chloroform	7.67	83	102602	20.425	ug/l	97
31) Cyclohexane	7.95	56	102537	18.875	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	80307	20.208	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82300	19.634	ug/l	99
37) Ethyl Acetate	7.26	43	44350	19.308	ug/l	99
38) Carbon Tetrachloride	8.07	117	72233	19.910	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012177.D
 Acq On : 26 Aug 2019 18:14
 Operator : SY/VA
 Sample : VW0826SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0826SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:30 AM

Quant Time: Aug 27 05:42:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89822	19.074	ug/l	98
40) Benzene	8.32	78	227948	19.915	ug/l	99
41) Methacrylonitrile	7.48	41	26057	19.301	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72046	20.084	ug/l	100
43) Isopropyl Acetate	8.43	43	81683	19.198	ug/l	97
44) Trichloroethene	9.09	130	54752	19.678	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62022	20.134	ug/l	98
46) Dibromomethane	9.46	93	27382	19.979	ug/l	98
47) Bromodichloromethane	9.64	83	73920	20.265	ug/l	98
48) Methyl methacrylate	9.44	41	37974	18.752	ug/l	94
49) 1,4-Dioxane	9.51	88	7376	351.542	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	210789	97.402	ug/l	98
52) Toluene	10.38	92	138071	20.080	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73137	19.684	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89263	19.896	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39878	20.564	ug/l	97
56) Ethyl methacrylate	10.65	69	55833	19.783	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74023	20.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144805	99.971	ug/l	99
59) 2-Hexanone	10.97	43	142830	93.277	ug/l	100
60) Dibromochloromethane	11.13	129	42773	19.803	ug/l	96
61) 1,2-Dibromoethane	11.23	107	36931	20.442	ug/l	98
64) Tetrachloroethene	10.86	164	45982	20.263	ug/l	98
65) Chlorobenzene	11.66	112	139677	20.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49324	20.514	ug/l	99
67) Ethyl Benzene	11.73	91	269810	20.323	ug/l	99
68) m/p-Xylenes	11.84	106	196437	41.076	ug/l	98
69) o-Xylene	12.16	106	90868	20.530	ug/l	100
70) Styrene	12.18	104	158872	20.737	ug/l	100
71) Bromoform	12.35	173	23766	19.839	ug/l #	98
73) Isopropylbenzene	12.46	105	256663	20.054	ug/l	99
74) N-amyl acetate	12.27	43	76541	19.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47012	20.036	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31961m	19.213	ug/l	
77) Bromobenzene	12.75	156	55680	20.109	ug/l	99
78) n-propylbenzene	12.80	91	315621	20.200	ug/l	99
79) 2-Chlorotoluene	12.89	91	178850	20.162	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	217391	20.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14334	18.892	ug/l	94
82) 4-Chlorotoluene	12.99	91	186121	20.038	ug/l	100
83) tert-Butylbenzene	13.21	119	183924	20.302	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	216771	20.178	ug/l	100
85) sec-Butylbenzene	13.38	105	261440	20.143	ug/l	99
86) p-Isopropyltoluene	13.50	119	236454	20.400	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	110657	20.432	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	108532	20.183	ug/l	99
89) n-Butylbenzene	13.82	91	236882	20.551	ug/l	99
90) Hexachloroethane	14.09	117	41647	20.480	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	96956	20.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7267	18.371	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012177.D
Acq On : 26 Aug 2019 18:14
Operator : SY/VA
Sample : VW0826SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBSD02

Manual Integrations
APPROVED

MMDadoda
8/27/2019 11:04:30 AM

Quant Time: Aug 27 05:42:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66812	20.349	ug/l	99
94) Hexachlorobutadiene	15.24	225	44697	20.617	ug/l	98
95) Naphthalene	15.36	128	113808	20.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	59022	20.604	ug/l	99

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

