

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009608.D
 Acq On : 31 Mar 2019 14:04
 Operator : SY/VA
 Sample : VW0331SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0331SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 5:30:20 PM

Quant Time: Apr 01 05:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	421448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	233007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166241	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	140030	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.32	98	510360	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.62	95	192540	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	41086	21.398	ug/l	98
3) Chloromethane	2.21	50	45572	18.401	ug/l	96
4) Vinyl Chloride	2.36	62	67036	20.267	ug/l	98
5) Bromomethane	2.77	94	49217	19.286	ug/l	93
6) Chloroethane	2.93	64	46847	19.124	ug/l	94
7) Trichlorofluoromethane	3.25	101	40987	18.136	ug/l	93
8) Diethyl Ether	3.67	74	30562	20.139	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	61510	20.285	ug/l	93
10) Methyl Iodide	4.26	142	78030	18.859	ug/l	92
11) Tert butyl alcohol	5.18	59	20158	103.414	ug/l	95
12) 1,1-Dichloroethene	4.04	96	58064	20.462	ug/l	93
13) Acrolein	3.89	56	12903	90.250	ug/l	99
14) Allyl chloride	4.65	41	77266	17.024	ug/l	98
15) Acrylonitrile	5.36	53	66858	96.385	ug/l	99
16) Acetone	4.12	43	77366	102.353	ug/l	99
17) Carbon Disulfide	4.37	76	157133	19.461	ug/l	98
18) Methyl Acetate	4.67	43	34938	19.121	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	73812	18.702	ug/l	100
20) Methylene Chloride	4.92	84	65000	19.558	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	59967	19.904	ug/l	93
22) Diisopropyl ether	6.31	45	192040	19.592	ug/l	98
23) Vinyl Acetate	6.25	43	633096	103.534	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119069	20.182	ug/l	97
25) 2-Butanone	7.17	43	110977	106.245	ug/l	94
26) 2,2-Dichloropropane	7.16	77	64165	19.023	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	65647	19.951	ug/l	96
28) Bromochloromethane	7.50	49	45996	17.992	ug/l #	14
29) Tetrahydrofuran	7.53	42	68830	106.122	ug/l	97
30) Chloroform	7.67	83	125240	20.496	ug/l	98
31) Cyclohexane	7.95	56	106367	19.231	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	95060	19.217	ug/l	97
36) 1,1-Dichloropropene	8.07	75	97188	20.637	ug/l	99
37) Ethyl Acetate	7.25	43	45034	20.128	ug/l	99
38) Carbon Tetrachloride	8.06	117	96231	19.942	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009608.D
 Acq On : 31 Mar 2019 14:04
 Operator : SY/VA
 Sample : VW0331SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0331SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 5:30:20 PM

Quant Time: Apr 01 05:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103729	19.282	ug/l	96
40) Benzene	8.32	78	257327	20.173	ug/l	100
41) Methacrylonitrile	7.48	41	24104	19.167	ug/l	97
42) 1,2-Dichloroethane	8.40	62	91073	20.942	ug/l	99
43) Isopropyl Acetate	8.42	43	90503	20.640	ug/l	99
44) Trichloroethene	9.09	130	67520	20.446	ug/l	100
45) 1,2-Dichloropropane	9.37	63	64738	19.827	ug/l	97
46) Dibromomethane	9.45	93	36889	20.856	ug/l	96
47) Bromodichloromethane	9.64	83	91665	20.317	ug/l	98
48) Methyl methacrylate	9.43	41	41967	20.417	ug/l	100
49) 1,4-Dioxane	9.45	88	12224	464.080	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	249877	106.510	ug/l	99
52) Toluene	10.38	92	161280	20.189	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	87371	19.777	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	97794	19.965	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	50941	21.307	ug/l	98
56) Ethyl methacrylate	10.65	69	59480	20.396	ug/l	97
57) 1,3-Dichloropropane	10.93	76	86869	20.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	150809	105.104	ug/l	95
59) 2-Hexanone	10.97	43	172757	106.402	ug/l	100
60) Dibromochloromethane	11.13	129	58017	20.097	ug/l	97
61) 1,2-Dibromoethane	11.23	107	48299	21.067	ug/l	98
64) Tetrachloroethene	10.86	164	57167	19.978	ug/l	97
65) Chlorobenzene	11.66	112	177837	20.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	65992	20.405	ug/l	98
67) Ethyl Benzene	11.73	91	311901	19.945	ug/l	100
68) m/p-Xylenes	11.84	106	241708	40.705	ug/l	99
69) o-Xylene	12.16	106	110052	19.902	ug/l	99
70) Styrene	12.18	104	187906	20.344	ug/l	99
71) Bromoform	12.35	173	35099	20.167	ug/l #	98
73) Isopropylbenzene	12.46	105	306398	18.896	ug/l	98
74) N-amyl acetate	12.27	43	87076	20.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	62714	20.451	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	44857m	20.472	ug/l	
77) Bromobenzene	12.75	156	73506	19.685	ug/l	99
78) n-propylbenzene	12.80	91	392766	19.643	ug/l	99
79) 2-Chlorotoluene	12.89	91	221246	19.470	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	266273	19.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	18795	19.947	ug/l	94
82) 4-Chlorotoluene	12.99	91	234877	19.640	ug/l	99
83) tert-Butylbenzene	13.21	119	226418	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	279843	19.934	ug/l	100
85) sec-Butylbenzene	13.38	105	341290	19.460	ug/l	98
86) p-Isopropyltoluene	13.50	119	298683	19.580	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	153017	19.846	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151952	19.731	ug/l	99
89) n-Butylbenzene	13.83	91	292298	19.413	ug/l	99
90) Hexachloroethane	14.10	117	56978	19.506	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	136071	19.736	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11358	20.289	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
Data File : VW009608.D
Acq On : 31 Mar 2019 14:04
Operator : SY/VA
Sample : VW0331SBS01
Misc : 5.00G/5.0ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0331SBS01

Manual Integrations
APPROVED

MMDadoda
4/1/2019 5:30:20 PM

Quant Time: Apr 01 05:15:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	89080	20.063	ug/l	99
94) Hexachlorobutadiene	15.24	225	55935	19.616	ug/l	99
95) Naphthalene	15.37	128	155921	19.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	82524	20.803	ug/l	99

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

