

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056196.D
 Acq On : 11 Jun 2019 3:30
 Operator : JC/SP
 Sample : VN0610WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:58:31 AM

Quant Time: Jun 11 05:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	274102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	404836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	369849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	140592	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	7.59	113	128296	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.09	98	469631	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	157445	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	59428	19.950	ug/l	99
3) Chloromethane	2.06	50	63538	21.384	ug/l	99
4) Vinyl Chloride	2.18	62	63070	21.161	ug/l	100
5) Bromomethane	2.53	94	36646	19.464	ug/l	99
6) Chloroethane	2.68	64	36187	20.941	ug/l	98
7) Trichlorofluoromethane	3.00	101	78706	20.685	ug/l	94
8) Diethyl Ether	3.40	74	31213	19.948	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	48001	20.768	ug/l	99
10) Methyl Iodide	3.93	142	61315	16.693	ug/l	99
11) Tert butyl alcohol	4.82	59	47269	99.804	ug/l	99
12) 1,1-Dichloroethene	3.72	96	47944	20.836	ug/l	97
13) Acrolein	3.60	56	10654	77.997	ug/l	98
14) Allyl chloride	4.31	41	73229	20.154	ug/l	97
15) Acrylonitrile	4.99	53	139650	121.127	ug/l	100
16) Acetone	3.82	43	114500	87.965	ug/l	99
17) Carbon Disulfide	4.03	76	99993	18.149	ug/l	99
18) Methyl Acetate	4.33	43	66410	25.692	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	155669	21.224	ug/l	99
20) Methylene Chloride	4.54	84	57553	21.461	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	50300	20.402	ug/l	97
22) Diisopropyl ether	5.95	45	161381	21.486	ug/l	99
23) Vinyl Acetate	5.90	43	618342	104.540	ug/l	100
24) 1,1-Dichloroethane	5.84	63	93306	21.536	ug/l	99
25) 2-Butanone	6.84	43	181453	110.332	ug/l	100
26) 2,2-Dichloropropane	6.82	77	41962	12.412	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	61762	21.311	ug/l	94
28) Bromochloromethane	7.19	49	45596	22.254	ug/l	99
29) Tetrahydrofuran	7.22	42	119657	117.704	ug/l	99
30) Chloroform	7.37	83	95666	21.950	ug/l	99
31) Cyclohexane	7.65	56	83524	19.340	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	78105	21.460	ug/l	99
36) 1,1-Dichloropropene	7.79	75	66603	19.133	ug/l	98
37) Ethyl Acetate	6.93	43	72253	23.328	ug/l	99
38) Carbon Tetrachloride	7.77	117	66440	20.702	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056196.D
 Acq On : 11 Jun 2019 3:30
 Operator : JC/SP
 Sample : VN0610WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:58:31 AM

Quant Time: Jun 11 05:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	77281	17.822	ug/l	97
40) Benzene	8.04	78	217750	20.596	ug/l	98
41) Methacrylonitrile	7.18	41	33096	23.225	ug/l	96
42) 1,2-Dichloroethane	8.12	62	71195	20.934	ug/l	100
43) Isopropyl Acetate	8.17	43	105294	20.979	ug/l #	92
44) Trichloroethene	8.83	130	62971	20.728	ug/l	100
45) 1,2-Dichloropropane	9.12	63	57751	21.325	ug/l	96
46) Dibromomethane	9.21	93	38496	21.738	ug/l	97
47) Bromodichloromethane	9.40	83	70819	22.065	ug/l	98
48) Methyl methacrylate	9.20	41	54100	22.033	ug/l	97
49) 1,4-Dioxane	9.21	88	24473	461.665	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	354604	112.980	ug/l	99
52) Toluene	10.16	92	137812	20.947	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	62473	18.204	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	75681	19.617	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	57408	22.029	ug/l	97
56) Ethyl methacrylate	10.43	69	81598	21.462	ug/l	98
57) 1,3-Dichloropropane	10.71	76	91662	21.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	137141	100.440	ug/l	100
59) 2-Hexanone	10.75	43	250194	109.984	ug/l	100
60) Dibromochloromethane	10.90	129	56934	21.289	ug/l	98
61) 1,2-Dibromoethane	11.00	107	57836	21.709	ug/l	99
64) Tetrachloroethene	10.63	164	68707	21.461	ug/l	98
65) Chlorobenzene	11.43	112	147193	19.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	54071	21.275	ug/l	99
67) Ethyl Benzene	11.51	91	251581	19.656	ug/l	98
68) m/p-Xylenes	11.62	106	194520	39.784	ug/l	99
69) o-Xylene	11.95	106	96164	19.995	ug/l	99
70) Styrene	11.96	104	156367	20.462	ug/l	99
71) Bromoform	12.13	173	40783	20.807	ug/l #	99
73) Isopropylbenzene	12.25	105	252096	22.069	ug/l	99
74) N-amyl acetate	12.07	43	85151	21.154	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	79100	22.564	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	68352m	24.599	ug/l	
77) Bromobenzene	12.53	156	69436	21.477	ug/l	95
78) n-propylbenzene	12.59	91	257697	20.172	ug/l	99
79) 2-Chlorotoluene	12.67	91	163905	21.822	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	206482	20.337	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	14738	17.664	ug/l #	84
82) 4-Chlorotoluene	12.77	91	150293	20.109	ug/l	99
83) tert-Butylbenzene	12.99	119	187427	22.279	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	199400	20.710	ug/l	99
85) sec-Butylbenzene	13.17	105	229448	20.281	ug/l	99
86) p-Isopropyltoluene	13.29	119	202003	19.950	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	103295	20.643	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	97460	20.247	ug/l	99
89) n-Butylbenzene	13.61	91	131739	17.564	ug/l	99
90) Hexachloroethane	13.87	117	32924	21.562	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	106507	21.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11782	23.498	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056196.D
Acq On : 11 Jun 2019 3:30
Operator : JC/SP
Sample : VN0610WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD02

Manual Integrations
APPROVED

MMDadoda
6/11/2019 11:58:31 AM

Quant Time: Jun 11 05:36:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41277	17.830	ug/l	97
94) Hexachlorobutadiene	15.01	225	39367	21.533	ug/l	99
95) Naphthalene	15.13	128	229580	33.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49956	19.571	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056196.D
 Acq On : 11 Jun 2019 3:30
 Operator : JC/SP
 Sample : VN0610WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VN0610WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:58:31 AM

Quant Time: Jun 11 05:36:09 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

