

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055804.D
 Acq On : 24 May 2019 18:38
 Operator : JC/SP
 Sample : VN0524WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:36:05 AM

Quant Time: May 25 05:13:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	528005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	465729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	183859	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.59	113	167194	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	631428	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	212473	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	43526	18.083	ug/l	97
3) Chloromethane	2.06	50	64580	19.150	ug/l	100
4) Vinyl Chloride	2.18	62	70265	19.535	ug/l	99
5) Bromomethane	2.54	94	49712	22.091	ug/l	98
6) Chloroethane	2.69	64	44556	20.574	ug/l	99
7) Trichlorofluoromethane	3.01	101	92628	19.642	ug/l	99
8) Diethyl Ether	3.40	74	42385	20.053	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	56712	19.265	ug/l	99
10) Methyl Iodide	3.94	142	88123	20.476	ug/l	100
11) Tert butyl alcohol	4.82	59	70027	99.231	ug/l	99
12) 1,1-Dichloroethene	3.72	96	59786	19.656	ug/l	96
13) Acrolein	3.60	56	42053	83.223	ug/l	96
14) Allyl chloride	4.31	41	96494	18.506	ug/l	99
15) Acrylonitrile	4.99	53	163857	101.118	ug/l	100
16) Acetone	3.82	43	131977	81.289	ug/l	99
17) Carbon Disulfide	4.04	76	154731	17.905	ug/l	100
18) Methyl Acetate	4.33	43	70827	20.718	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	203586	20.069	ug/l	98
20) Methylene Chloride	4.54	84	70439	20.033	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	64363	19.697	ug/l	96
22) Diisopropyl ether	5.96	45	198818	19.604	ug/l	98
23) Vinyl Acetate	5.90	43	844324	97.102	ug/l	99
24) 1,1-Dichloroethane	5.84	63	115294	19.526	ug/l	98
25) 2-Butanone	6.84	43	213405	94.118	ug/l	99
26) 2,2-Dichloropropane	6.82	77	80318	15.717	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	76140	19.972	ug/l	97
28) Bromochloromethane	7.19	49	58124	20.675	ug/l	96
29) Tetrahydrofuran	7.22	42	145347	101.224	ug/l	99
30) Chloroform	7.37	83	116817	19.837	ug/l	100
31) Cyclohexane	7.65	56	105633	19.055	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	102373	19.482	ug/l	99
36) 1,1-Dichloropropene	7.79	75	86807	18.866	ug/l	99
37) Ethyl Acetate	6.93	43	88449	19.889	ug/l	100
38) Carbon Tetrachloride	7.77	117	89801	18.736	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055804.D
 Acq On : 24 May 2019 18:38
 Operator : JC/SP
 Sample : VN0524WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0524WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:36:05 AM

Quant Time: May 25 05:13:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	103498	18.164	ug/l	97
40) Benzene	8.04	78	273659	19.734	ug/l	100
41) Methacrylonitrile	7.18	41	40027	17.816	ug/l	97
42) 1,2-Dichloroethane	8.12	62	89318	19.711	ug/l	100
43) Isopropyl Acetate	8.17	43	143239	19.170	ug/l #	91
44) Trichloroethene	8.83	130	77261	19.985	ug/l	98
45) 1,2-Dichloropropane	9.12	63	70104	19.403	ug/l	99
46) Dibromomethane	9.21	93	47480	20.038	ug/l	97
47) Bromodichloromethane	9.40	83	92409	19.019	ug/l	99
48) Methyl methacrylate	9.20	41	69023	20.043	ug/l	97
49) 1,4-Dioxane	9.20	88	27623	385.996	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	435313	98.643	ug/l	99
52) Toluene	10.16	92	173711	19.917	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	93349	17.999	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	107069	18.635	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	69080	19.771	ug/l	98
56) Ethyl methacrylate	10.43	69	105554	19.547	ug/l	98
57) 1,3-Dichloropropane	10.71	76	113072	19.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	187793	91.002	ug/l	99
59) 2-Hexanone	10.75	43	302853	96.739	ug/l	100
60) Dibromochloromethane	10.90	129	77918	19.143	ug/l	100
61) 1,2-Dibromoethane	11.00	107	72690	20.057	ug/l	99
64) Tetrachloroethene	10.63	164	81959	20.865	ug/l	99
65) Chlorobenzene	11.43	112	185071	19.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	70934	19.076	ug/l	98
67) Ethyl Benzene	11.51	91	326244	19.513	ug/l	99
68) m/p-Xylenes	11.62	106	252283	39.913	ug/l	98
69) o-Xylene	11.95	106	125329	19.985	ug/l	99
70) Styrene	11.96	104	199741	19.668	ug/l	100
71) Bromoform	12.13	173	59773	18.846	ug/l #	99
73) Isopropylbenzene	12.25	105	326629	22.111	ug/l	100
74) N-amyl acetate	12.07	43	113915	20.265	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	96993	21.793	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	86776m	24.280	ug/l	
77) Bromobenzene	12.53	156	85633	20.624	ug/l	97
78) n-propylbenzene	12.59	91	333473	19.719	ug/l	99
79) 2-Chlorotoluene	12.67	91	208145	21.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	265517	21.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25559	17.674	ug/l	96
82) 4-Chlorotoluene	12.77	91	197415	19.859	ug/l	100
83) tert-Butylbenzene	12.99	119	237030	21.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	263044	21.270	ug/l	99
85) sec-Butylbenzene	13.17	105	294907	21.152	ug/l	99
86) p-Isopropyltoluene	13.29	119	268434	19.866	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	131804	20.048	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	124615	19.936	ug/l	99
89) n-Butylbenzene	13.61	91	188265	18.184	ug/l	99
90) Hexachloroethane	13.87	117	48041	18.679	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	133088	20.290	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16613	19.269	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
Data File : VN055804.D
Acq On : 24 May 2019 18:38
Operator : JC/SP
Sample : VN0524WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD02

Manual Integrations
APPROVED

MMDadoda
5/28/2019 10:36:05 AM

Quant Time: May 25 05:13:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59703	18.306	ug/l	100
94) Hexachlorobutadiene	15.01	225	49510	20.365	ug/l	98
95) Naphthalene	15.13	128	164478	18.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	66582	19.203	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055804.D
 Acq On : 24 May 2019 18:38
 Operator : JC/SP
 Sample : VN0524WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0524WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:36:05 AM

Quant Time: May 25 05:13:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

