

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050676.D
 Acq On : 16 Aug 2018 1:07
 Operator : MD\SY
 Sample : VN0815WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 1:19:12 PM

Quant Time: Aug 16 05:09:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	912231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	826462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405036	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	372298	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1383712	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	434175	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	133090	19.13	ug/l	99
3) Chloromethane	2.06	50	173237	20.14	ug/l	100
4) Vinyl Chloride	2.18	62	179437	19.42	ug/l	99
5) Bromomethane	2.56	94	100392	18.91	ug/l	98
6) Chloroethane	2.70	64	107925	20.07	ug/l	100
7) Trichlorofluoromethane	3.01	101	238999	19.71	ug/l	99
8) Diethyl Ether	3.41	74	82879	20.55	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	144264	19.67	ug/l	100
10) Methyl Iodide	3.95	142	87779	21.45	ug/l	100
11) Tert butyl alcohol	4.80	59	49529	116.62	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	131568	19.65	ug/l	97
13) Acrolein	3.61	56	14011	79.75	ug/l	99
14) Allyl chloride	4.32	41	196707	18.89	ug/l	100
15) Acrylonitrile	4.99	53	247573	106.14	ug/l	99
16) Acetone	3.82	43	218528	111.72	ug/l	100
17) Carbon Disulfide	4.05	76	400069	18.99	ug/l	100
18) Methyl Acetate	4.33	43	127491	22.80	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	362023	21.24	ug/l	99
20) Methylene Chloride	4.55	84	156192	20.37	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	142362	19.61	ug/l	98
22) Diisopropyl ether	5.96	45	450437	21.09	ug/l	95
23) Vinyl Acetate	5.90	43	1464492	104.85	ug/l	100
24) 1,1-Dichloroethane	5.85	63	273089	19.77	ug/l	99
25) 2-Butanone	6.84	43	345147	108.23	ug/l	100
26) 2,2-Dichloropropane	6.83	77	147408	15.94	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	160125	19.81	ug/l	98
28) Bromochloromethane	7.20	49	127723	20.31	ug/l	98
29) Tetrahydrofuran	7.22	42	188203	113.03	ug/l	100
30) Chloroform	7.37	83	277607	19.83	ug/l	100
31) Cyclohexane	7.66	56	233125	19.56	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	232826	19.76	ug/l	99
36) 1,1-Dichloropropene	7.79	75	200932	19.79	ug/l	99
37) Ethyl Acetate	6.94	43	129692	22.59	ug/l	99
38) Carbon Tetrachloride	7.78	117	207091	19.66	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050676.D
 Acq On : 16 Aug 2018 1:07
 Operator : MD\SY
 Sample : VN0815WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0815WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 1:19:12 PM

Quant Time: Aug 16 05:09:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203193	19.33	ug/l	97
40) Benzene	8.04	78	628045	20.33	ug/l	100
41) Methacrylonitrile	7.17	41	63822	20.57	ug/l	92
42) 1,2-Dichloroethane	8.13	62	194527	20.55	ug/l	99
43) Isopropyl Acetate	8.17	43	219374	20.97	ug/l #	87
44) Trichloroethene	8.84	130	158741	19.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164138	19.96	ug/l	97
46) Dibromomethane	9.21	93	97492	20.08	ug/l	98
47) Bromodichloromethane	9.41	83	203832	19.64	ug/l	98
48) Methyl methacrylate	9.20	41	108533	20.62	ug/l	100
49) 1,4-Dioxane	9.21	88	29644	427.50	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	797808	112.77	ug/l	99
52) Toluene	10.16	92	380805	20.65	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	184799	19.11	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	218142	19.67	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	141273	20.50	ug/l	99
56) Ethyl methacrylate	10.43	69	162335	19.67	ug/l	98
57) 1,3-Dichloropropane	10.71	76	231695	20.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	396383	100.63	ug/l	99
59) 2-Hexanone	10.75	43	504165	110.41	ug/l	99
60) Dibromochloromethane	10.90	129	153832	20.23	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134441	20.49	ug/l	99
64) Tetrachloroethene	10.63	164	157169	20.48	ug/l	99
65) Chlorobenzene	11.44	112	403712	19.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151680	19.67	ug/l	99
67) Ethyl Benzene	11.51	91	660119	19.88	ug/l	99
68) m/p-Xylenes	11.62	106	520990	41.02	ug/l	100
69) o-Xylene	11.95	106	243307	20.09	ug/l	99
70) Styrene	11.97	104	395891	18.97	ug/l	100
71) Bromoform	12.13	173	104823	20.50	ug/l #	98
73) Isopropylbenzene	12.25	105	650131	20.56	ug/l	100
74) N-amyl acetate	12.07	43	171794	20.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175573	22.64	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141069m	20.97	ug/l	
77) Bromobenzene	12.53	156	166615	19.40	ug/l	98
78) n-propylbenzene	12.59	91	723926	20.53	ug/l	100
79) 2-Chlorotoluene	12.68	91	447862	20.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	533127	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34908	19.17	ug/l	98
82) 4-Chlorotoluene	12.77	91	442899	20.38	ug/l	100
83) tert-Butylbenzene	12.99	119	445615	20.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	538675	21.20	ug/l	100
85) sec-Butylbenzene	13.17	105	592888	20.64	ug/l	100
86) p-Isopropyltoluene	13.29	119	504447	20.73	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	288983	19.77	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	279068	19.24	ug/l	99
89) n-Butylbenzene	13.62	91	373616	19.01	ug/l	98
90) Hexachloroethane	13.88	117	94321	19.27	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	283379	19.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23736	21.04	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
Data File : VN050676.D
Acq On : 16 Aug 2018 1:07
Operator : MD\SY
Sample : VN0815WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

Manual Integrations
APPROVED

MMDadoda
8/16/2018 1:19:12 PM

Quant Time: Aug 16 05:09:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115480	17.61	ug/l	99
94) Hexachlorobutadiene	15.01	225	82215	18.80	ug/l	98
95) Naphthalene	15.14	128	229608	17.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	118837	18.65	ug/l	99

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

