

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060114.D
 Acq On : 17 Feb 2020 13:13
 Operator : JC/MD
 Sample : VN0217WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:26:55 AM

Quant Time: Feb 17 14:27:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132270	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	7.56	113	100231	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.08	98	388104	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	140317	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39348	19.655	ug/l	100
3) Chloromethane	2.04	50	49694	20.859	ug/l	99
4) Vinyl Chloride	2.17	62	54474	20.061	ug/l	98
5) Bromomethane	2.55	94	31569	18.960	ug/l	98
6) Chloroethane	2.69	64	27430	19.971	ug/l	97
7) Trichlorofluoromethane	3.01	101	66744	19.064	ug/l	99
8) Diethyl Ether	3.39	74	24394	20.932	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37194	19.135	ug/l	97
10) Methyl Iodide	3.93	142	48434	20.108	ug/l	97
11) Tert butyl alcohol	4.73	59	41466	113.702	ug/l	99
12) 1,1-Dichloroethene	3.72	96	37299	19.698	ug/l	99
13) Acrolein	3.58	56	33678	93.427	ug/l	95
14) Allyl chloride	4.30	41	58177	20.874	ug/l	96
15) Acrylonitrile	4.95	53	104808	117.679	ug/l	100
16) Acetone	3.78	43	115419	108.576	ug/l	97
17) Carbon Disulfide	4.03	76	109950	19.264	ug/l	100
18) Methyl Acetate	4.29	43	47466	23.770	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	131688	20.680	ug/l	98
20) Methylene Chloride	4.52	84	43919	20.709	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	40600	19.669	ug/l	92
22) Diisopropyl ether	5.92	45	131857	21.587	ug/l	95
23) Vinyl Acetate	5.86	43	565733	110.294	ug/l	98
24) 1,1-Dichloroethane	5.82	63	76625	20.709	ug/l	98
25) 2-Butanone	6.80	43	155306	116.165	ug/l	94
26) 2,2-Dichloropropane	6.80	77	69344	19.731	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	47087	19.492	ug/l	96
28) Bromochloromethane	7.17	49	33593	23.093	ug/l	92
29) Tetrahydrofuran	7.18	42	97399	118.752	ug/l	95
30) Chloroform	7.35	83	77263	19.934	ug/l	99
31) Cyclohexane	7.63	56	72330	20.985	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	69802	19.707	ug/l	99
36) 1,1-Dichloropropene	7.77	75	57879	19.157	ug/l	99
37) Ethyl Acetate	6.90	43	61838	22.647	ug/l	99
38) Carbon Tetrachloride	7.75	117	61538	18.755	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060114.D
 Acq On : 17 Feb 2020 13:13
 Operator : JC/MD
 Sample : VN0217WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0217WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:26:55 AM

Quant Time: Feb 17 14:27:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	70856	18.893	ug/l	97
40) Benzene	8.02	78	170225	18.994	ug/l	99
41) Methacrylonitrile	7.15	41	23003m	20.088	ug/l	
42) 1,2-Dichloroethane	8.10	62	62628	19.938	ug/l	98
43) Isopropyl Acetate	8.14	43	102710	22.005	ug/l	96
44) Trichloroethene	8.82	130	45287	18.249	ug/l	91
45) 1,2-Dichloropropane	9.10	63	44621	20.110	ug/l	99
46) Dibromomethane	9.19	93	30511	19.459	ug/l	97
47) Bromodichloromethane	9.39	83	60752	19.058	ug/l	99
48) Methyl methacrylate	9.18	41	43387	20.718	ug/l	97
49) 1,4-Dioxane	9.18	88	14998	419.156	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	301799	111.707	ug/l	99
52) Toluene	10.14	92	107768	18.752	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	69652	19.357	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	73904	19.505	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	41966	18.717	ug/l	97
56) Ethyl methacrylate	10.42	69	64165	20.230	ug/l	99
57) 1,3-Dichloropropane	10.70	76	71934	19.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	157971	106.909	ug/l	98
59) 2-Hexanone	10.74	43	229779	110.101	ug/l	99
60) Dibromochloromethane	10.89	129	47502	18.462	ug/l	98
61) 1,2-Dibromoethane	10.99	107	44762	19.045	ug/l	99
64) Tetrachloroethene	10.62	164	41643	18.155	ug/l	99
65) Chlorobenzene	11.43	112	114120	18.565	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42871	18.435	ug/l	98
67) Ethyl Benzene	11.50	91	208093	18.769	ug/l	100
68) m/p-Xylenes	11.62	106	155423	37.351	ug/l	99
69) o-Xylene	11.94	106	76045	18.981	ug/l	99
70) Styrene	11.96	104	117825	18.237	ug/l	99
71) Bromoform	12.12	173	34475	18.432	ug/l #	98
73) Isopropylbenzene	12.25	105	203455	19.245	ug/l	100
74) N-amyl acetate	12.07	43	83350	21.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	63076	20.728	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	57037m	21.057	ug/l	
77) Bromobenzene	12.52	156	50057	19.079	ug/l	96
78) n-propylbenzene	12.59	91	230182	19.110	ug/l	99
79) 2-Chlorotoluene	12.67	91	134232	18.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	170020	19.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22636	20.462	ug/l	98
82) 4-Chlorotoluene	12.77	91	136947	18.854	ug/l	98
83) tert-Butylbenzene	12.99	119	144764	18.617	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	169088	19.487	ug/l	100
85) sec-Butylbenzene	13.17	105	196293	19.061	ug/l	100
86) p-Isopropyltoluene	13.28	119	176872	18.956	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85523	18.415	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	86596	18.650	ug/l	98
89) n-Butylbenzene	13.61	91	157218	19.157	ug/l	98
90) Hexachloroethane	13.87	117	32196	18.471	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	86480	19.027	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13790	20.863	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
Data File : VN060114.D
Acq On : 17 Feb 2020 13:13
Operator : JC/MD
Sample : VN0217WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBSD01

Manual Integrations
APPROVED

MMDadoda
2/18/2020 9:26:55 AM

Quant Time: Feb 17 14:27:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49543	18.552	ug/l	99
94) Hexachlorobutadiene	15.01	225	28348	18.132	ug/l	100
95) Naphthalene	15.13	128	145808	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49982	18.794	ug/l	99

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

