

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059782.D
 Acq On : 20 Jan 2020 13:17
 Operator : JC/MD
 Sample : VN0120WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:07 AM

Quant Time: Jan 21 01:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	104473	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	89649	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.08	98	332448	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	116663	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46544	20.964	ug/l	100
3) Chloromethane	2.04	50	42843	20.160	ug/l	99
4) Vinyl Chloride	2.17	62	53916	22.174	ug/l	97
5) Bromomethane	2.54	94	32860	22.144	ug/l	97
6) Chloroethane	2.68	64	24656	21.433	ug/l	97
7) Trichlorofluoromethane	3.00	101	63972	21.907	ug/l	98
8) Diethyl Ether	3.38	74	21788	21.261	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36416	22.407	ug/l	92
10) Methyl Iodide	3.93	142	54576	20.775	ug/l	94
11) Tert butyl alcohol	4.73	59	38255	110.237	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35775	21.066	ug/l	83
13) Acrolein	3.58	56	15724	64.009	ug/l	97
14) Allyl chloride	4.29	41	47694	20.836	ug/l #	86
15) Acrylonitrile	4.95	53	85610	108.149	ug/l	98
16) Acetone	3.78	43	80716	109.164	ug/l	97
17) Carbon Disulfide	4.03	76	94889	19.614	ug/l	98
18) Methyl Acetate	4.29	43	51125	21.233	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	118246	21.355	ug/l	93
20) Methylene Chloride	4.52	84	41244	21.374	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	37844	20.964	ug/l	88
22) Diisopropyl ether	5.91	45	107197	20.665	ug/l	94
23) Vinyl Acetate	5.86	43	415296	103.402	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	66148	20.869	ug/l	97
25) 2-Butanone	6.80	43	113498	97.227	ug/l #	89
26) 2,2-Dichloropropane	6.80	77	63102	20.708	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44054	21.217	ug/l	88
28) Bromochloromethane	7.17	49	27076	21.373	ug/l #	72
29) Tetrahydrofuran	7.18	42	73266	101.439	ug/l #	86
30) Chloroform	7.35	83	70504	21.468	ug/l	99
31) Cyclohexane	7.63	56	60629	19.879	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	66108	21.771	ug/l	95
36) 1,1-Dichloropropene	7.77	75	51567	20.644	ug/l	95
37) Ethyl Acetate	6.90	43	46745	19.952	ug/l	96
38) Carbon Tetrachloride	7.75	117	57712	21.239	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059782.D
 Acq On : 20 Jan 2020 13:17
 Operator : JC/MD
 Sample : VN0120WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:07 AM

Quant Time: Jan 21 01:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	63067	20.476	ug/l	91
40) Benzene	8.02	78	154316	20.714	ug/l	100
41) Methacrylonitrile	7.15	41	18598m	16.116	ug/l	
42) 1,2-Dichloroethane	8.10	62	54656	21.638	ug/l	95
43) Isopropyl Acetate	8.14	43	81229	20.157	ug/l #	94
44) Trichloroethene	8.82	130	44874	22.065	ug/l	92
45) 1,2-Dichloropropane	9.10	63	38571	20.923	ug/l	99
46) Dibromomethane	9.19	93	27793	21.373	ug/l	90
47) Bromodichloromethane	9.39	83	56261	21.469	ug/l	98
48) Methyl methacrylate	9.18	41	36056	20.003	ug/l	90
49) 1,4-Dioxane	9.18	88	15101	457.634	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	235586	101.130	ug/l	95
52) Toluene	10.14	92	97809	20.785	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	60301	20.609	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	66393	21.565	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	40357	21.654	ug/l	95
56) Ethyl methacrylate	10.42	69	56229	19.745	ug/l	93
57) 1,3-Dichloropropane	10.70	76	63898	21.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	89349	104.166	ug/l	90
59) 2-Hexanone	10.74	43	169995	99.055	ug/l	93
60) Dibromochloromethane	10.89	129	44756	21.088	ug/l	100
61) 1,2-Dibromoethane	10.99	107	40984	20.981	ug/l	98
64) Tetrachloroethene	10.62	164	44210	20.959	ug/l	94
65) Chlorobenzene	11.43	112	106716	20.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43189	21.972	ug/l	99
67) Ethyl Benzene	11.50	91	191239	20.709	ug/l	97
68) m/p-Xylenes	11.62	106	145159	41.614	ug/l	93
69) o-Xylene	11.94	106	70696	20.701	ug/l	94
70) Styrene	11.96	104	112667	19.716	ug/l	96
71) Bromoform	12.12	173	33681	21.392	ug/l #	100
73) Isopropylbenzene	12.25	105	190257	21.386	ug/l	100
74) N-amyl acetate	12.07	43	66667	19.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	53716	20.828	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	44752m	21.922	ug/l	
77) Bromobenzene	12.52	156	47723	21.183	ug/l	82
78) n-propylbenzene	12.59	91	210033	21.035	ug/l	97
79) 2-Chlorotoluene	12.67	91	123512	20.793	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158739	21.217	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19125	20.119	ug/l	94
82) 4-Chlorotoluene	12.77	91	124031	20.818	ug/l	95
83) tert-Butylbenzene	12.99	119	137590	21.263	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	157451	21.272	ug/l	98
85) sec-Butylbenzene	13.17	105	179211	21.080	ug/l	98
86) p-Isopropyltoluene	13.28	119	165046	20.981	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	82761	21.149	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	82701	21.184	ug/l	97
89) n-Butylbenzene	13.61	91	136737	20.387	ug/l	98
90) Hexachloroethane	13.87	117	30992	21.057	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	82013	21.199	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12093	20.619	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
Data File : VN059782.D
Acq On : 20 Jan 2020 13:17
Operator : JC/MD
Sample : VN0120WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Manual Integrations
APPROVED

MMDadoda
1/21/2020 11:01:07 AM

Quant Time: Jan 21 01:37:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48179	20.725	ug/l	99
94) Hexachlorobutadiene	15.01	225	27809	21.708	ug/l	99
95) Naphthalene	15.13	128	130789	19.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46994	20.769	ug/l	98

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

