

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056394.D
 Acq On : 20 Jun 2019 11:55
 Operator : JC/SP
 Sample : VN0620WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:50:31 PM

Quant Time: Jun 21 04:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	212134	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	183879	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.09	98	697269	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	220941	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	65901	21.179	ug/l	98
3) Chloromethane	2.06	50	84210	19.876	ug/l	99
4) Vinyl Chloride	2.18	62	83719	20.458	ug/l	97
5) Bromomethane	2.52	94	51177m	21.333	ug/l	
6) Chloroethane	2.68	64	47605	20.088	ug/l	96
7) Trichlorofluoromethane	3.00	101	108012	20.405	ug/l	99
8) Diethyl Ether	3.41	74	46422	20.722	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67536	20.007	ug/l	99
10) Methyl Iodide	3.95	142	85409	18.720	ug/l	99
11) Tert butyl alcohol	4.80	59	73517	107.172	ug/l	96
12) 1,1-Dichloroethene	3.73	96	66749	20.562	ug/l	95
13) Acrolein	3.61	56	52196	90.282	ug/l	99
14) Allyl chloride	4.32	41	109466	20.257	ug/l	98
15) Acrylonitrile	4.99	53	190591	100.431	ug/l	99
16) Acetone	3.82	43	172580	84.575	ug/l	98
17) Carbon Disulfide	4.05	76	139744	18.926	ug/l	98
18) Methyl Acetate	4.33	43	84652	20.672	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	220727	20.548	ug/l	99
20) Methylene Chloride	4.55	84	78544	19.882	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	69447	19.842	ug/l	93
22) Diisopropyl ether	5.95	45	233258	20.553	ug/l	100
23) Vinyl Acetate	5.90	43	947690	105.873	ug/l	100
24) 1,1-Dichloroethane	5.85	63	133574	20.504	ug/l	100
25) 2-Butanone	6.84	43	260611	96.498	ug/l	99
26) 2,2-Dichloropropane	6.82	77	87398	19.289	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	84333	20.595	ug/l	99
28) Bromochloromethane	7.19	49	67594	20.977	ug/l	99
29) Tetrahydrofuran	7.21	42	172295	104.396	ug/l	99
30) Chloroform	7.37	83	130794	20.346	ug/l	97
31) Cyclohexane	7.65	56	125489	19.953	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	104187	20.447	ug/l	98
36) 1,1-Dichloropropene	7.79	75	97791	19.449	ug/l	99
37) Ethyl Acetate	6.93	43	99824	20.202	ug/l	97
38) Carbon Tetrachloride	7.77	117	86183	19.601	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056394.D
 Acq On : 20 Jun 2019 11:55
 Operator : JC/SP
 Sample : VN0620WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:50:31 PM

Quant Time: Jun 21 04:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121316	19.554	ug/l	98
40) Benzene	8.04	78	310454	20.073	ug/l	97
41) Methacrylonitrile	7.18	41	44167	20.242	ug/l	94
42) 1,2-Dichloroethane	8.13	62	102326	20.047	ug/l	99
43) Isopropyl Acetate	8.17	43	152218	19.978	ug/l	97
44) Trichloroethene	8.84	130	82657	19.840	ug/l	97
45) 1,2-Dichloropropane	9.12	63	84000	20.308	ug/l	99
46) Dibromomethane	9.21	93	52668	20.352	ug/l	98
47) Bromodichloromethane	9.40	83	91316	19.896	ug/l	100
48) Methyl methacrylate	9.20	41	76757	20.103	ug/l	99
49) 1,4-Dioxane	9.21	88	28544	360.242	ug/l	90
51) 4-Methyl-2-Pentanone	9.99	43	494371	100.527	ug/l	100
52) Toluene	10.16	92	190074	20.101	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92194	19.141	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	112687	20.389	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	76190	20.046	ug/l	99
56) Ethyl methacrylate	10.43	69	113569	20.446	ug/l	100
57) 1,3-Dichloropropane	10.71	76	129400	20.266	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	181863	91.137	ug/l	100
59) 2-Hexanone	10.75	43	341753	94.553	ug/l	99
60) Dibromochloromethane	10.90	129	69733	19.381	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78296	20.169	ug/l	100
64) Tetrachloroethene	10.63	164	79052	20.009	ug/l	96
65) Chlorobenzene	11.43	112	200046	19.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	70415	20.784	ug/l	99
67) Ethyl Benzene	11.51	91	354702	20.152	ug/l	99
68) m/p-Xylenes	11.62	106	258017	39.999	ug/l	99
69) o-Xylene	11.95	106	131412	20.592	ug/l	96
70) Styrene	11.96	104	204197	20.018	ug/l	99
71) Bromoform	12.13	173	45485	18.738	ug/l #	100
73) Isopropylbenzene	12.25	105	344169	23.898	ug/l	99
74) N-amyl acetate	12.07	43	120317	20.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	103791	22.985	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	89797m	23.912	ug/l	
77) Bromobenzene	12.53	156	84747	20.928	ug/l	98
78) n-propylbenzene	12.59	91	354636	21.383	ug/l	100
79) 2-Chlorotoluene	12.67	91	220371	22.859	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	277298	23.114	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	21353	20.209	ug/l	97
82) 4-Chlorotoluene	12.77	91	197588	20.178	ug/l	98
83) tert-Butylbenzene	12.99	119	247141	23.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	261042	21.411	ug/l	100
85) sec-Butylbenzene	13.17	105	310669	21.312	ug/l	100
86) p-Isopropyltoluene	13.29	119	268537	21.465	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	124910	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117221	19.723	ug/l	99
89) n-Butylbenzene	13.61	91	186713	19.715	ug/l	98
90) Hexachloroethane	13.87	117	39258	20.128	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	125268	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14424	21.525	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
Data File : VN056394.D
Acq On : 20 Jun 2019 11:55
Operator : JC/SP
Sample : VN0620WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations
APPROVED

MMDadoda
6/21/2019 10:50:31 PM

Quant Time: Jun 21 04:49:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45668	18.400	ug/l	100
94) Hexachlorobutadiene	15.01	225	45126	20.772	ug/l	98
95) Naphthalene	15.13	128	133368	19.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	54905	19.695	ug/l	99

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

