

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053835.D
 Acq On : 18 Feb 2019 11:37
 Operator : JC/SP
 Sample : VN0218WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 12:31:22 PM

Quant Time: Feb 19 03:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	366397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	299826	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.59	113	288045	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1045186	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.40	95	343068	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	111434	17.357	ug/l	99
3) Chloromethane	2.06	50	121179	17.694	ug/l	99
4) Vinyl Chloride	2.19	62	131373	19.761	ug/l	99
5) Bromomethane	2.58	94	93690	21.553	ug/l	97
6) Chloroethane	2.71	64	85120	22.405	ug/l	97
7) Trichlorofluoromethane	3.02	101	183610	20.366	ug/l	98
8) Diethyl Ether	3.42	74	63111	19.168	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	108570	19.472	ug/l	98
10) Methyl Iodide	3.96	142	153912	17.587	ug/l	100
11) Tert butyl alcohol	4.78	59	37530	109.579	ug/l	95
12) 1,1-Dichloroethene	3.74	96	99308	18.590	ug/l	97
13) Acrolein	3.61	56	14667	78.655	ug/l	95
14) Allyl chloride	4.33	41	157652	18.535	ug/l	98
15) Acrylonitrile	4.99	53	193722	104.774	ug/l	100
16) Acetone	3.81	43	147193	99.160	ug/l	96
17) Carbon Disulfide	4.06	76	261551	15.724	ug/l	99
18) Methyl Acetate	4.33	43	104120	23.685	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	274319	20.257	ug/l	98
20) Methylene Chloride	4.55	84	118072	18.959	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	104750	18.176	ug/l	98
22) Diisopropyl ether	5.95	45	310503	19.702	ug/l	97
23) Vinyl Acetate	5.90	43	1027027	94.201	ug/l	99
24) 1,1-Dichloroethane	5.85	63	202843	19.297	ug/l	99
25) 2-Butanone	6.84	43	209999	99.193	ug/l	98
26) 2,2-Dichloropropane	6.83	77	152713	19.031	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	123124	19.213	ug/l	99
28) Bromochloromethane	7.20	49	94049	20.617	ug/l	95
29) Tetrahydrofuran	7.21	42	139915	102.921	ug/l	97
30) Chloroform	7.37	83	205736	19.744	ug/l	99
31) Cyclohexane	7.65	56	174620	17.733	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	168983	19.486	ug/l	99
36) 1,1-Dichloropropene	7.79	75	145283	17.468	ug/l	98
37) Ethyl Acetate	6.93	43	90405	19.462	ug/l	97
38) Carbon Tetrachloride	7.78	117	152092	18.152	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053835.D
 Acq On : 18 Feb 2019 11:37
 Operator : JC/SP
 Sample : VN0218WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 12:31:22 PM

Quant Time: Feb 19 03:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167904	17.016	ug/l	98
40) Benzene	8.04	78	460126	17.940	ug/l	99
41) Methacrylonitrile	7.18	41	51599	19.875	ug/l	90
42) 1,2-Dichloroethane	8.12	62	139219	18.281	ug/l	99
43) Isopropyl Acetate	8.17	43	169088	18.849	ug/l #	87
44) Trichloroethene	8.84	130	131529	18.013	ug/l	96
45) 1,2-Dichloropropane	9.12	63	122730	18.709	ug/l	98
46) Dibromomethane	9.21	93	73257	18.525	ug/l	96
47) Bromodichloromethane	9.40	83	156838	19.075	ug/l	99
48) Methyl methacrylate	9.20	41	77555	18.111	ug/l	96
49) 1,4-Dioxane	9.20	88	23130	397.296	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	433791	98.403	ug/l	99
52) Toluene	10.16	92	275930	18.127	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	151623	18.416	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	177270	18.170	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	106628	19.440	ug/l	98
56) Ethyl methacrylate	10.43	69	120261	18.533	ug/l	98
57) 1,3-Dichloropropane	10.71	76	174031	18.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	271828	73.392	ug/l	99
59) 2-Hexanone	10.75	43	268584	89.748	ug/l	99
60) Dibromochloromethane	10.90	129	120311	19.451	ug/l	98
61) 1,2-Dibromoethane	11.01	107	100909	18.587	ug/l	100
64) Tetrachloroethene	10.63	164	124903	18.466	ug/l	98
65) Chlorobenzene	11.43	112	309321	18.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	115514	19.734	ug/l	99
67) Ethyl Benzene	11.51	91	499932	18.158	ug/l	100
68) m/p-Xylenes	11.62	106	392061	37.310	ug/l	99
69) o-Xylene	11.95	106	192984	19.010	ug/l	98
70) Styrene	11.96	104	305527	18.568	ug/l	99
71) Bromoform	12.13	173	83478	20.802	ug/l #	97
73) Isopropylbenzene	12.25	105	507816	19.715	ug/l	100
74) N-amyl acetate	12.07	43	114130	18.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	123739	20.073	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	110643m	23.510	ug/l	
77) Bromobenzene	12.53	156	134387	19.359	ug/l	97
78) n-propylbenzene	12.59	91	566931	19.040	ug/l	100
79) 2-Chlorotoluene	12.67	91	343986	19.472	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	422887	19.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30690	18.337	ug/l	98
82) 4-Chlorotoluene	12.77	91	338313	18.663	ug/l	99
83) tert-Butylbenzene	12.99	119	389343	20.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	424573	19.511	ug/l	99
85) sec-Butylbenzene	13.17	105	516711	20.114	ug/l	99
86) p-Isopropyltoluene	13.29	119	440093	19.588	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	231988	18.590	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	226850	18.377	ug/l	99
89) n-Butylbenzene	13.62	91	350146	18.006	ug/l	99
90) Hexachloroethane	13.87	117	79521	21.458	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	228522	19.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18533	21.096	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
Data File : VN053835.D
Acq On : 18 Feb 2019 11:37
Operator : JC/SP
Sample : VN0218WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Manual Integrations
APPROVED

MMDadoda
2/19/2019 12:31:22 PM

Quant Time: Feb 19 03:28:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	111486	16.271	ug/l	99
94) Hexachlorobutadiene	15.01	225	85316	19.994	ug/l	99
95) Naphthalene	15.13	128	218936	14.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	112075	17.629	ug/l	99

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

