

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056618.D
 Acq On : 8 Jul 2019 18:38
 Operator : JC/SP
 Sample : VN0708WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 9:46:50 AM

Quant Time: Jul 09 04:49:22 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	294202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	410609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158491	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	138345	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.09	98	512688	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	170564	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	41422	16.628	ug/l	100
3) Chloromethane	2.06	50	56037	16.520	ug/l	96
4) Vinyl Chloride	2.18	62	56581	17.271	ug/l	99
5) Bromomethane	2.53	94	33393m	17.387	ug/l	
6) Chloroethane	2.68	64	32689	17.230	ug/l	100
7) Trichlorofluoromethane	3.00	101	77040	18.179	ug/l	98
8) Diethyl Ether	3.41	74	33430	18.639	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	48916	18.100	ug/l	99
10) Methyl Iodide	3.95	142	54659	14.964	ug/l	99
11) Tert butyl alcohol	4.79	59	54852	99.880	ug/l	100
12) 1,1-Dichloroethene	3.73	96	45981	17.692	ug/l	98
13) Acrolein	3.60	56	23721	51.249	ug/l	95
14) Allyl chloride	4.32	41	81572	18.855	ug/l	99
15) Acrylonitrile	4.99	53	156332	102.897	ug/l	98
16) Acetone	3.82	43	124472	76.193	ug/l	99
17) Carbon Disulfide	4.05	76	87401	14.786	ug/l	98
18) Methyl Acetate	4.33	43	73933	22.632	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	167430	19.469	ug/l	100
20) Methylene Chloride	4.55	84	58231	18.345	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	49883	17.802	ug/l	100
22) Diisopropyl ether	5.95	45	183293	20.174	ug/l	96
23) Vinyl Acetate	5.90	43	727212	101.478	ug/l	99
24) 1,1-Dichloroethane	5.85	63	101068	19.378	ug/l	99
25) 2-Butanone	6.84	43	206262	95.397	ug/l	99
26) 2,2-Dichloropropane	6.82	77	64337	17.736	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	63188	19.275	ug/l	98
28) Bromochloromethane	7.20	49	48713	18.883	ug/l	99
29) Tetrahydrofuran	7.22	42	142322	107.715	ug/l	97
30) Chloroform	7.37	83	101209	19.666	ug/l	98
31) Cyclohexane	7.65	56	86532	17.186	ug/l	# 96
32) 1,1,1-Trichloroethane	7.57	97	78436	19.228	ug/l	98
36) 1,1-Dichloropropene	7.79	75	69274	16.901	ug/l	99
37) Ethyl Acetate	6.93	43	83575	20.748	ug/l	98
38) Carbon Tetrachloride	7.77	117	63912	17.831	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056618.D
 Acq On : 8 Jul 2019 18:38
 Operator : JC/SP
 Sample : VN0708WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0708WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 9:46:50 AM

Quant Time: Jul 09 04:49:22 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	79215	15.663	ug/l	97
40) Benzene	8.04	78	225109	17.855	ug/l	99
41) Methacrylonitrile	7.18	41	39249m	22.066	ug/l	
42) 1,2-Dichloroethane	8.12	62	76313	18.341	ug/l	100
43) Isopropyl Acetate	8.17	43	136153	21.921	ug/l #	89
44) Trichloroethene	8.84	130	58988	17.368	ug/l	99
45) 1,2-Dichloropropane	9.12	63	63133	18.724	ug/l	100
46) Dibromomethane	9.21	93	39291	18.625	ug/l	99
47) Bromodichloromethane	9.40	83	72285	19.320	ug/l	100
48) Methyl methacrylate	9.20	41	61184	19.657	ug/l	98
49) 1,4-Dioxane	9.20	88	26093	403.965	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	421779	105.210	ug/l	99
52) Toluene	10.16	92	137865	17.885	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	74617	19.024	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	87420	19.403	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59313	19.143	ug/l	99
56) Ethyl methacrylate	10.43	69	89502	19.766	ug/l	99
57) 1,3-Dichloropropane	10.71	76	99269	19.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	220789	135.727	ug/l	100
59) 2-Hexanone	10.75	43	298225	101.216	ug/l	100
60) Dibromochloromethane	10.90	129	55718	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60058	18.979	ug/l	99
64) Tetrachloroethene	10.63	164	55381	17.031	ug/l	99
65) Chlorobenzene	11.43	112	148437	17.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	54887	19.683	ug/l	99
67) Ethyl Benzene	11.51	91	257016	17.741	ug/l	100
68) m/p-Xylenes	11.62	106	191833	36.133	ug/l	98
69) o-Xylene	11.95	106	95792	18.237	ug/l	99
70) Styrene	11.96	104	157377	18.745	ug/l	99
71) Bromoform	12.13	173	40099	19.847	ug/l #	97
73) Isopropylbenzene	12.25	105	250893	17.071	ug/l	100
74) N-amyl acetate	12.07	43	99431	17.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	88010	19.471	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76348m	20.768	ug/l	
77) Bromobenzene	12.53	156	65716	16.577	ug/l	96
78) n-propylbenzene	12.59	91	273815	16.865	ug/l	99
79) 2-Chlorotoluene	12.67	91	170901	17.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	208899	17.242	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20766	20.077	ug/l	98
82) 4-Chlorotoluene	12.77	91	161561	16.854	ug/l	99
83) tert-Butylbenzene	12.99	119	182772	16.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	211739	17.741	ug/l	98
85) sec-Butylbenzene	13.17	105	235908	16.532	ug/l	100
86) p-Isopropyltoluene	13.29	119	212528	17.354	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105368	17.539	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	101725	17.484	ug/l	99
89) n-Butylbenzene	13.61	91	164369	17.729	ug/l	99
90) Hexachloroethane	13.87	117	31752	16.630	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	111469	18.701	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14361	21.892	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056618.D
Acq On : 8 Jul 2019 18:38
Operator : JC/SP
Sample : VN0708WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Manual Integrations
APPROVED

MMDadoda
7/9/2019 9:46:50 AM

Quant Time: Jul 09 04:49:22 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	50123	19.949	ug/l	98
94) Hexachlorobutadiene	15.01	225	36212	16.676	ug/l	99
95) Naphthalene	15.13	128	143027	21.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56447	20.459	ug/l	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056618.D
Acq On : 8 Jul 2019 18:38
Operator : JC/SP
Sample : VN0708WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VN0708WBSD01

Manual Integrations
APPROVED

MMDadoda
7/9/2019 9:46:50 AM

Quant Time: Jul 09 04:49:22 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

