

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056935.D
 Acq On : 25 Jul 2019 21:37
 Operator : JC/SP
 Sample : VN0726WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:38:00 PM

Quant Time: Jul 26 04:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	465699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	707572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	225108	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.58	113	204778	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
50) Toluene-d8	10.08	98	776217	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	239705	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	101763	18.736	ug/l	99
3) Chloromethane	2.05	50	113891	18.975	ug/l	97
4) Vinyl Chloride	2.17	62	107161	18.961	ug/l	96
5) Bromomethane	2.55	94	66496	19.452	ug/l	95
6) Chloroethane	2.69	64	58175	18.544	ug/l	100
7) Trichlorofluoromethane	3.00	101	133879	18.175	ug/l	100
8) Diethyl Ether	3.39	74	50631	18.354	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	82681	18.268	ug/l	99
10) Methyl Iodide	3.93	142	116160	17.466	ug/l	99
11) Tert butyl alcohol	4.77	59	63149	90.838	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	79892	18.281	ug/l	99
13) Acrolein	3.59	56	33358	85.625	ug/l	99
14) Allyl chloride	4.30	41	126721	17.871	ug/l	99
15) Acrylonitrile	4.97	53	184952	92.450	ug/l	100
16) Acetone	3.80	43	141222	85.817	ug/l	98
17) Carbon Disulfide	4.03	76	203009	17.247	ug/l	97
18) Methyl Acetate	4.31	43	103739	18.006	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	238220	18.538	ug/l	100
20) Methylene Chloride	4.53	84	94335	18.102	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	85942	18.377	ug/l	98
22) Diisopropyl ether	5.93	45	276341	19.136	ug/l	98
23) Vinyl Acetate	5.88	43	933120	93.805	ug/l	99
24) 1,1-Dichloroethane	5.83	63	160806	18.954	ug/l	98
25) 2-Butanone	6.82	43	226963	89.600	ug/l	99
26) 2,2-Dichloropropane	6.81	77	97794	15.706	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	100119	18.761	ug/l	97
28) Bromochloromethane	7.18	49	81880	20.912	ug/l	99
29) Tetrahydrofuran	7.19	42	157669	94.991	ug/l	100
30) Chloroform	7.36	83	154828	17.720	ug/l	98
31) Cyclohexane	7.64	56	148600	17.998	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	127068	18.159	ug/l	99
36) 1,1-Dichloropropene	7.78	75	116478	18.005	ug/l	99
37) Ethyl Acetate	6.92	43	94992	18.121	ug/l	98
38) Carbon Tetrachloride	7.76	117	109415	17.782	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056935.D
 Acq On : 25 Jul 2019 21:37
 Operator : JC/SP
 Sample : VN0726WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:38:00 PM

Quant Time: Jul 26 04:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	141689	17.971	ug/l	95
40) Benzene	8.03	78	365741	18.131	ug/l	99
41) Methacrylonitrile	7.16	41	35981m	15.607	ug/l	
42) 1,2-Dichloroethane	8.11	62	111957	17.969	ug/l	99
43) Isopropyl Acetate	8.15	43	154409	17.904	ug/l	99
44) Trichloroethene	8.82	130	98997	17.989	ug/l	99
45) 1,2-Dichloropropane	9.11	63	98852	18.234	ug/l	97
46) Dibromomethane	9.20	93	59720	18.273	ug/l	100
47) Bromodichloromethane	9.39	83	111391	17.454	ug/l	96
48) Methyl methacrylate	9.19	41	76469	18.471	ug/l	97
49) 1,4-Dioxane	9.19	88	32383	373.553	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	473703	92.383	ug/l	99
52) Toluene	10.15	92	224674	18.570	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	112096	17.421	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	132464	17.487	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	88026	18.154	ug/l	97
56) Ethyl methacrylate	10.42	69	119695	18.360	ug/l	99
57) 1,3-Dichloropropane	10.70	76	146057	18.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	229559	83.291	ug/l	99
59) 2-Hexanone	10.74	43	318786	90.685	ug/l	100
60) Dibromochloromethane	10.90	129	85931	17.443	ug/l	100
61) 1,2-Dibromoethane	11.00	107	87886	18.261	ug/l	100
64) Tetrachloroethene	10.62	164	102164	18.118	ug/l	99
65) Chlorobenzene	11.43	112	235405	18.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	87300	18.176	ug/l	98
67) Ethyl Benzene	11.50	91	407038	18.305	ug/l	99
68) m/p-Xylenes	11.62	106	305911	36.894	ug/l	100
69) o-Xylene	11.94	106	148267	18.274	ug/l	99
70) Styrene	11.96	104	238271	17.403	ug/l	99
71) Bromoform	12.12	173	58115	17.420	ug/l #	98
73) Isopropylbenzene	12.24	105	396811	18.947	ug/l	99
74) N-amyl acetate	12.06	43	116446	18.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	113608	20.217	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	86572m	17.080	ug/l	
77) Bromobenzene	12.52	156	101626	18.320	ug/l	99
78) n-propylbenzene	12.59	91	413733	18.045	ug/l	100
79) 2-Chlorotoluene	12.67	91	256147	18.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	328093	18.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24637	16.270	ug/l	91
82) 4-Chlorotoluene	12.77	91	241358	18.405	ug/l	98
83) tert-Butylbenzene	12.99	119	286612	19.077	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	321142	18.917	ug/l	100
85) sec-Butylbenzene	13.17	105	364987	18.274	ug/l	100
86) p-Isopropyltoluene	13.28	119	325826	18.461	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	151604	18.265	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	146768	18.466	ug/l	100
89) n-Butylbenzene	13.61	91	243477	17.861	ug/l	100
90) Hexachloroethane	13.87	117	53487	18.434	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	160083	19.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15500	18.158	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
Data File : VN056935.D
Acq On : 25 Jul 2019 21:37
Operator : JC/SP
Sample : VN0726WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD01

Manual Integrations
APPROVED

MMDadoda
7/26/2019 3:38:00 PM

Quant Time: Jul 26 04:44:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 04:10:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	60458	16.826	ug/l	99
94) Hexachlorobutadiene	15.00	225	58772	18.465	ug/l	98
95) Naphthalene	15.12	128	150984	16.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	67560	16.960	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072619\
Data File : VN056935.D
Acq On : 25 Jul 2019 21:37
Operator : JC/SP
Sample : VN0726WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VN0726WBSD01

Manual Integrations
APPROVED

MMDadoda
7/26/2019 3:38:00 PM

Quant Time: Jul 26 04:44:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 04:10:25 2019
Response via : Initial Calibration

