

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049687.D
 Acq On : 3 Jul 2018 12:14
 Operator : MD\SY
 Sample : VN0703WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:39 PM

Quant Time: Jul 03 23:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1190943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1745998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1597667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	882070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	759774	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	616443	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.09	98	2430613	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.40	95	850123	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	266527	19.859	ug/l	97
3) Chloromethane	2.06	50	355334	21.197	ug/l	100
4) Vinyl Chloride	2.18	62	365860	20.321	ug/l	100
5) Bromomethane	2.56	94	203150	21.481	ug/l	99
6) Chloroethane	2.69	64	232569	20.409	ug/l	99
7) Trichlorofluoromethane	3.01	101	444623	21.620	ug/l	99
8) Diethyl Ether	3.41	74	175716	21.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	301620	20.385	ug/l	100
10) Methyl Iodide	3.94	142	392702	21.207	ug/l	98
11) Tert butyl alcohol	4.81	59	158652	175.791	ug/l	100
12) 1,1-Dichloroethene	3.73	96	275894	19.724	ug/l	99
13) Acrolein	3.60	56	73146	86.768	ug/l	97
14) Allyl chloride	4.32	41	405702	21.115	ug/l	98
15) Acrylonitrile	5.00	53	599648	128.644	ug/l	99
16) Acetone	3.82	43	480996	149.060	ug/l	100
17) Carbon Disulfide	4.04	76	805598	20.714	ug/l	100
18) Methyl Acetate	4.33	43	333826	20.773	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	806802	22.374	ug/l	97
20) Methylene Chloride	4.54	84	326598	20.166	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	289559	20.114	ug/l	97
22) Diisopropyl ether	5.95	45	912543	20.992	ug/l	95
23) Vinyl Acetate	5.90	43	3135003	111.210	ug/l	100
24) 1,1-Dichloroethane	5.84	63	553288	20.203	ug/l	99
25) 2-Butanone	6.84	43	742137	142.139	ug/l	100
26) 2,2-Dichloropropane	6.82	77	463998	20.400	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	329780	20.507	ug/l	98
28) Bromochloromethane	7.19	49	254263	21.876	ug/l	99
29) Tetrahydrofuran	7.22	42	469799	141.174	ug/l	99
30) Chloroform	7.37	83	564918	20.236	ug/l	100
31) Cyclohexane	7.65	56	480385	20.019	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	475971	20.138	ug/l	99
36) 1,1-Dichloropropene	7.79	75	414411	21.097	ug/l	99
37) Ethyl Acetate	6.93	43	320824	28.001	ug/l	99
38) Carbon Tetrachloride	7.77	117	406567	21.277	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049687.D
 Acq On : 3 Jul 2018 12:14
 Operator : MD\SY
 Sample : VN0703WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0703WBS01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:39 PM

Quant Time: Jul 03 23:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	445036	20.663	ug/l	97
40) Benzene	8.04	78	1256106	20.942	ug/l	100
41) Methacrylonitrile	7.17	41	119511	18.505	ug/l #	69
42) 1,2-Dichloroethane	8.12	62	407888	21.308	ug/l	100
43) Isopropyl Acetate	8.17	43	587111	25.524	ug/l	99
44) Trichloroethene	8.84	130	357164	19.745	ug/l	98
45) 1,2-Dichloropropane	9.12	63	329537	21.265	ug/l	100
46) Dibromomethane	9.21	93	210889	22.494	ug/l	99
47) Bromodichloromethane	9.40	83	422789	21.184	ug/l	97
48) Methyl methacrylate	9.20	41	267891	26.312	ug/l	97
49) 1,4-Dioxane	9.20	88	85945	627.894	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1625689	144.720	ug/l	99
52) Toluene	10.16	92	775156	21.391	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	416320	21.785	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	476589	21.338	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	297538	22.052	ug/l	100
56) Ethyl methacrylate	10.43	69	383822	24.269	ug/l	99
57) 1,3-Dichloropropane	10.71	76	485460	22.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	844848	108.880	ug/l	100
59) 2-Hexanone	10.75	43	1139696	153.430	ug/l	99
60) Dibromochloromethane	10.90	129	329078	22.566	ug/l	99
61) 1,2-Dibromoethane	11.01	107	299548	23.171	ug/l	99
64) Tetrachloroethene	10.63	164	414682	19.169	ug/l	99
65) Chlorobenzene	11.44	112	839722	20.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	311808	20.821	ug/l	98
67) Ethyl Benzene	11.51	91	1393899	20.232	ug/l	99
68) m/p-Xylenes	11.63	106	1125021	42.609	ug/l	99
69) o-Xylene	11.95	106	528697	20.915	ug/l	97
70) Styrene	11.97	104	861951	21.074	ug/l	100
71) Bromoform	12.13	173	236339	23.751	ug/l #	100
73) Isopropylbenzene	12.25	105	1394249	19.844	ug/l	100
74) N-amyl acetate	12.07	43	464956	24.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	381311	25.446	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	356120m	25.174	ug/l	
77) Bromobenzene	12.53	156	369480	19.339	ug/l	98
78) n-propylbenzene	12.59	91	1659163	20.604	ug/l	100
79) 2-Chlorotoluene	12.68	91	997767	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1220718	20.908	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	97758	23.471	ug/l	95
82) 4-Chlorotoluene	12.77	91	1013564	19.780	ug/l	99
83) tert-Butylbenzene	13.00	119	1009752	20.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1238764	20.648	ug/l	100
85) sec-Butylbenzene	13.17	105	1373242	20.665	ug/l	99
86) p-Isopropyltoluene	13.29	119	1205584	20.946	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	665907	20.247	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	652707	20.276	ug/l	100
89) n-Butylbenzene	13.62	91	963332	19.549	ug/l	100
90) Hexachloroethane	13.88	117	155129	25.658	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	654734	20.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61748	24.675	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049687.D
Acq On : 3 Jul 2018 12:14
Operator : MD\SY
Sample : VN0703WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Manual Integrations
APPROVED

sam
7/5/2018 2:26:39 PM

Quant Time: Jul 03 23:22:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	282707	18.962	ug/l	100
94) Hexachlorobutadiene	15.01	225	208627	20.973	ug/l	99
95) Naphthalene	15.14	128	642277	20.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	304574	20.732	ug/l	98

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

