

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049661.D
 Acq On : 2 Jul 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/3/2018 3:51:21 PM

Quant Time: Jul 03 03:54:56 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	7.66	168	1358582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2004022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1799155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1022754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	864200	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.59	113	750651	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	2943129	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	1038888	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	745954	48.72	ug/l	96
3) Chloromethane	2.06	50	934405	48.86	ug/l	99
4) Vinyl Chloride	2.18	62	1030934	50.20	ug/l	100
5) Bromomethane	2.56	94	516047	47.83	ug/l	98
6) Chloroethane	2.70	64	641872	49.38	ug/l	99
7) Trichlorofluoromethane	3.02	101	1207842	51.49	ug/l	98
8) Diethyl Ether	3.40	74	480237	50.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	850516	50.39	ug/l	99
10) Methyl Iodide	3.95	142	1180317	55.88	ug/l	99
11) Tert butyl alcohol	4.79	59	281639	273.56	ug/l	100
12) 1,1-Dichloroethene	3.73	96	788864	49.44	ug/l	100
13) Acrolein	3.61	56	253060	263.15	ug/l	100
14) Allyl chloride	4.32	41	1154207	52.66	ug/l	100
15) Acrylonitrile	4.99	53	1376680	258.90	ug/l	98
16) Acetone	3.82	43	970719	270.05	ug/l	99
17) Carbon Disulfide	4.05	76	2354935	53.65	ug/l	99
18) Methyl Acetate	4.32	43	759186	47.48	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2159612	52.50	ug/l	99
20) Methylene Chloride	4.55	84	895588	48.48	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	835913	50.90	ug/l	99
22) Diisopropyl ether	5.95	45	2601170	52.45	ug/l	99
23) Vinyl Acetate	5.90	43	8681030	269.95	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1559118	49.91	ug/l	100
25) 2-Butanone	6.84	43	1710388	287.16	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1340527	51.66	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	948527	51.71	ug/l	99
28) Bromochloromethane	7.19	49	658212	49.64	ug/l	100
29) Tetrahydrofuran	7.21	42	1034409	272.48	ug/l	99
30) Chloroform	7.37	83	1573208	49.40	ug/l	98
31) Cyclohexane	7.65	56	1449702	54.20	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1366176	50.67	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1239880	54.99	ug/l	100
37) Ethyl Acetate	6.93	43	722698	54.96	ug/l	99
38) Carbon Tetrachloride	7.77	117	1173410	53.50	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049661.D
 Acq On : 2 Jul 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/3/2018 3:51:21 PM

Quant Time: Jul 03 03:54:56 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	1384738	56.02	ug/l	98
40) Benzene	8.04	78	3604685	52.36	ug/l	99
41) Methacrylonitrile	7.18	41	388975	52.47	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1121400	51.04	ug/l	100
43) Isopropyl Acetate	8.17	43	1331295	51.00	ug/l	97
44) Trichloroethene	8.83	130	1032352	49.72	ug/l	98
45) 1,2-Dichloropropane	9.12	63	939399	52.81	ug/l	100
46) Dibromomethane	9.21	93	559672	52.01	ug/l	98
47) Bromodichloromethane	9.40	83	1200210	52.40	ug/l	98
48) Methyl methacrylate	9.20	41	654646	56.02	ug/l	98
49) 1,4-Dioxane	9.20	88	171519	1091.74	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3588039	278.28	ug/l	100
52) Toluene	10.16	92	2243184	53.93	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1195653	54.51	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1412362	55.09	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	795013	51.34	ug/l	100
56) Ethyl methacrylate	10.43	69	1043022	57.46	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1342877	53.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2680642	281.90	ug/l	100
59) 2-Hexanone	10.75	43	2713835	318.31	ug/l	100
60) Dibromochloromethane	10.90	129	905823	54.12	ug/l	99
61) 1,2-Dibromoethane	11.01	107	788200	53.12	ug/l	100
64) Tetrachloroethene	10.63	164	1218701	50.03	ug/l	98
65) Chlorobenzene	11.44	112	2434609	51.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	898527	53.28	ug/l	98
67) Ethyl Benzene	11.51	91	4248133	54.76	ug/l	100
68) m/p-Xylenes	11.62	106	3344417	112.48	ug/l	100
69) o-Xylene	11.95	106	1587193	55.76	ug/l	99
70) Styrene	11.97	104	2628001	57.06	ug/l	100
71) Bromoform	12.13	173	626758	55.93	ug/l #	99
73) Isopropylbenzene	12.25	105	4249013	52.16	ug/l	100
74) N-amyl acetate	12.07	43	1162330	52.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	901081	53.35	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	817721m	49.85	ug/l	
77) Bromobenzene	12.53	156	1077146	48.62	ug/l	99
78) n-propylbenzene	12.59	91	5023826	53.81	ug/l	100
79) 2-Chlorotoluene	12.68	91	2925051	49.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3650363	53.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	258294	53.48	ug/l	98
82) 4-Chlorotoluene	12.77	91	3036495	51.11	ug/l	100
83) tert-Butylbenzene	12.99	119	3006888	51.70	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3680255	52.91	ug/l	100
85) sec-Butylbenzene	13.17	105	4139998	53.73	ug/l	100
86) p-Isopropyltoluene	13.29	119	3714274	55.65	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1975269	52.68	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1947666	52.88	ug/l	99
89) n-Butylbenzene	13.62	91	3154494	55.21	ug/l	99
90) Hexachloroethane	13.88	117	451181	64.36	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1914469	53.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	153147	54.01	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049661.D
Acq On : 2 Jul 2018 11:12
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
7/3/2018 3:51:21 PM

Quant Time: Jul 03 03:54:56 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)
93) 1,2,4-Trichlorobenzene	14.91	180	965251	51.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	635920	58.94	ug/l	99
95) Naphthalene	15.14	128	2006636	48.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	924989	51.64	ug/l	99

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

