

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051659.D
 Acq On : 4 Oct 2018 11:40
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:09 PM

Quant Time: Oct 05 02:08:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 01:55:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	925727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	531162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	399084	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.59	113	353586	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.09	98	1358923	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.40	95	492300	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	382230	52.210	ug/l	100
3) Chloromethane	2.06	50	364613	51.789	ug/l	100
4) Vinyl Chloride	2.18	62	578228	52.138	ug/l	100
5) Bromomethane	2.56	94	411819	48.286	ug/l	100
6) Chloroethane	2.70	64	374231	50.207	ug/l	100
7) Trichlorofluoromethane	3.01	101	572811	45.303	ug/l	100
8) Diethyl Ether	3.41	74	158571	49.066	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	305861	49.620	ug/l	100
10) Methyl Iodide	3.95	142	405702	53.993	ug/l	100
11) Tert butyl alcohol	4.79	59	130593	254.450	ug/l	100
12) 1,1-Dichloroethene	3.74	96	282079	49.099	ug/l	100
13) Acrolein	3.61	56	93943	271.488	ug/l	100
14) Allyl chloride	4.32	41	442532	50.503	ug/l	100
15) Acrylonitrile	4.99	53	468023	244.873	ug/l	100
16) Acetone	3.82	43	357982	240.006	ug/l	100
17) Carbon Disulfide	4.05	76	853646	48.882	ug/l	100
18) Methyl Acetate	4.33	43	224707	49.954	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	925866	48.823	ug/l	100
20) Methylene Chloride	4.55	84	328948	49.059	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	332067	48.776	ug/l	100
22) Diisopropyl ether	5.95	45	943264	50.218	ug/l	100
23) Vinyl Acetate	5.90	43	3457992	250.378	ug/l	100
24) 1,1-Dichloroethane	5.85	63	598538	49.547	ug/l	100
25) 2-Butanone	6.84	43	578845	245.966	ug/l	100
26) 2,2-Dichloropropane	6.83	77	610855	50.460	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	386931	48.958	ug/l	100
28) Bromochloromethane	7.20	49	269463	50.385	ug/l	100
29) Tetrahydrofuran	7.21	42	370079	256.256	ug/l	100
30) Chloroform	7.37	83	683958	50.392	ug/l	100
31) Cyclohexane	7.65	56	548788	49.604	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	655548	49.829	ug/l	100
36) 1,1-Dichloropropene	7.80	75	500371	49.962	ug/l	100
37) Ethyl Acetate	6.93	43	257724	49.341	ug/l	100
38) Carbon Tetrachloride	7.78	117	599823	49.913	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051659.D
 Acq On : 4 Oct 2018 11:40
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:09 PM

Quant Time: Oct 05 02:08:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 01:55:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	634945	50.507	ug/l	100
40) Benzene	8.04	78	1511248	50.903	ug/l	100
41) Methacrylonitrile	7.18	41	133158	46.427	ug/l	100
42) 1,2-Dichloroethane	8.13	62	509321	50.905	ug/l	100
43) Isopropyl Acetate	8.17	43	553378	50.815	ug/l	100
44) Trichloroethene	8.84	130	416652	49.425	ug/l	100
45) 1,2-Dichloropropane	9.12	63	367458	50.060	ug/l	100
46) Dibromomethane	9.21	93	251330	49.260	ug/l	100
47) Bromodichloromethane	9.40	83	566335	50.423	ug/l	100
48) Methyl methacrylate	9.20	41	247514	49.740	ug/l	100
49) 1,4-Dioxane	9.20	88	73325	982.693	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1390594	251.996	ug/l	100
52) Toluene	10.16	92	1021927	51.753	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	593870	51.242	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	617946	50.211	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	353731	50.287	ug/l	100
56) Ethyl methacrylate	10.43	69	460609	51.779	ug/l	100
57) 1,3-Dichloropropane	10.71	76	566266	50.863	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	948904	257.743	ug/l	100
59) 2-Hexanone	10.75	43	934053	249.236	ug/l	100
60) Dibromochloromethane	10.90	129	470336	51.093	ug/l	100
61) 1,2-Dibromoethane	11.01	107	381020	51.238	ug/l	100
64) Tetrachloroethene	10.63	164	401392	49.147	ug/l	100
65) Chlorobenzene	11.43	112	1138997	49.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	464049	50.549	ug/l	100
67) Ethyl Benzene	11.51	91	2008242	50.677	ug/l	100
68) m/p-Xylenes	11.62	106	1635056	103.119	ug/l	100
69) o-Xylene	11.95	106	794913	51.120	ug/l	100
70) Styrene	11.96	104	1275685	51.484	ug/l	100
71) Bromoform	12.13	173	347939	50.956	ug/l	100
73) Isopropylbenzene	12.25	105	2140418	47.272	ug/l	100
74) N-amyl acetate	12.07	43	472880	45.796	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	443578	45.448	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	336606m	45.183	ug/l	
77) Bromobenzene	12.53	156	517155	46.712	ug/l	100
78) n-propylbenzene	12.59	91	2366206	47.913	ug/l	100
79) 2-Chlorotoluene	12.67	91	1390363	47.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1844664	48.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	137300	47.515	ug/l	100
82) 4-Chlorotoluene	12.77	91	1440089	49.253	ug/l	100
83) tert-Butylbenzene	12.99	119	1626741	47.578	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1866676	48.840	ug/l	100
85) sec-Butylbenzene	13.17	105	2198620	48.613	ug/l	100
86) p-Isopropyltoluene	13.29	119	1963575	48.973	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	942728	48.868	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	931460	49.054	ug/l	100
89) n-Butylbenzene	13.62	91	1584112	49.970	ug/l	100
90) Hexachloroethane	13.87	117	387698	48.465	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	941338	49.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76383	48.023	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
Data File : VN051659.D
Acq On : 4 Oct 2018 11:40
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:53:09 PM

Quant Time: Oct 05 02:08:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	420851	49.316	ug/l	100
94) Hexachlorobutadiene	15.01	225	268394	46.355	ug/l	100
95) Naphthalene	15.13	128	870238	47.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	401065	47.720	ug/l	100

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

