

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061067.D
 Acq On : 17 Apr 2020 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:21:17 AM

Quant Time: Apr 20 06:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	264138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	99704	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.56	113	77999	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.08	98	280603	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.39	95	111322	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100730	49.838	ug/l	99
3) Chloromethane	2.04	50	137371	50.649	ug/l	99
4) Vinyl Chloride	2.17	62	116157	51.536	ug/l	100
5) Bromomethane	2.54	94	55736	49.312	ug/l	99
6) Chloroethane	2.68	64	68959	53.039	ug/l	98
7) Trichlorofluoromethane	3.00	101	146447	52.191	ug/l	99
8) Diethyl Ether	3.38	74	58890	52.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	81440	49.469	ug/l	100
10) Methyl Iodide	3.93	142	82818	57.023	ug/l	98
11) Tert butyl alcohol	4.72	59	96875	279.069	ug/l	100
12) 1,1-Dichloroethene	3.72	96	85629	51.170	ug/l	99
13) Acrolein	3.57	56	69871	238.384	ug/l	99
14) Allyl chloride	4.29	41	155362	49.068	ug/l	99
15) Acrylonitrile	4.94	53	269458	286.286	ug/l	99
16) Acetone	3.78	43	216910	251.881	ug/l	100
17) Carbon Disulfide	4.03	76	258269	49.322	ug/l	98
18) Methyl Acetate	4.28	43	159484	59.059	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	302428	51.830	ug/l	98
20) Methylene Chloride	4.52	84	97291	51.745	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	92191	51.508	ug/l	98
22) Diisopropyl ether	5.91	45	346846	52.745	ug/l	98
23) Vinyl Acetate	5.86	43	1360272	263.787	ug/l	100
24) 1,1-Dichloroethane	5.82	63	184190	51.860	ug/l	100
25) 2-Butanone	6.80	43	366864	278.009	ug/l	100
26) 2,2-Dichloropropane	6.79	77	135148	45.701	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	105469	51.327	ug/l	99
28) Bromochloromethane	7.17	49	84059	51.560	ug/l	98
29) Tetrahydrofuran	7.18	42	251152	280.344	ug/l	100
30) Chloroform	7.35	83	172554	52.088	ug/l	99
31) Cyclohexane	7.63	56	174987	48.013	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	149331	52.115	ug/l	99
36) 1,1-Dichloropropene	7.77	75	134868	49.481	ug/l	100
37) Ethyl Acetate	6.89	43	154519	52.209	ug/l	100
38) Carbon Tetrachloride	7.75	117	118972	52.439	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061067.D
 Acq On : 17 Apr 2020 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:21:17 AM

Quant Time: Apr 20 06:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	158222	48.554	ug/l	98
40) Benzene	8.02	78	404601	50.036	ug/l	100
41) Methacrylonitrile	7.14	41	73613m	59.632	ug/l	
42) 1,2-Dichloroethane	8.10	62	140563	51.029	ug/l	99
43) Isopropyl Acetate	8.14	43	253936	52.755	ug/l	100
44) Trichloroethene	8.82	130	98870	48.661	ug/l	99
45) 1,2-Dichloropropane	9.10	63	111851	51.212	ug/l	96
46) Dibromomethane	9.19	93	66615	52.900	ug/l	99
47) Bromodichloromethane	9.38	83	136283	51.230	ug/l	97
48) Methyl methacrylate	9.18	41	115618	54.353	ug/l	99
49) 1,4-Dioxane	9.18	88	32590	1101.970	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	767210	276.491	ug/l	100
52) Toluene	10.14	92	242812	50.054	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	156066	50.506	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	168268	49.908	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	94810	51.646	ug/l	96
56) Ethyl methacrylate	10.42	69	157779	54.657	ug/l	99
57) 1,3-Dichloropropane	10.70	76	168190	51.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	360824	275.077	ug/l	100
59) 2-Hexanone	10.74	43	563843	281.761	ug/l	99
60) Dibromochloromethane	10.89	129	99991	53.023	ug/l	98
61) 1,2-Dibromoethane	10.99	107	98228	52.511	ug/l	98
64) Tetrachloroethene	10.62	164	91872	49.749	ug/l	98
65) Chlorobenzene	11.42	112	245262	49.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	89521	50.225	ug/l	100
67) Ethyl Benzene	11.50	91	468703	50.014	ug/l	99
68) m/p-Xylenes	11.61	106	341523	100.839	ug/l	99
69) o-Xylene	11.94	106	164640	50.560	ug/l	99
70) Styrene	11.96	104	274525	52.366	ug/l	100
71) Bromoform	12.12	173	71032	53.389	ug/l #	99
73) Isopropylbenzene	12.24	105	444464	49.155	ug/l	99
74) N-amyl acetate	12.06	43	213942	50.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	143482	51.983	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	134720m	54.267	ug/l	
77) Bromobenzene	12.52	156	103969	49.247	ug/l	99
78) n-propylbenzene	12.58	91	527255	49.840	ug/l	100
79) 2-Chlorotoluene	12.67	91	305891	49.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	375806	50.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	49583	49.264	ug/l	98
82) 4-Chlorotoluene	12.77	91	318353	49.472	ug/l	100
83) tert-Butylbenzene	12.99	119	314211	49.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	370515	50.152	ug/l	99
85) sec-Butylbenzene	13.17	105	427458	50.192	ug/l	99
86) p-Isopropyltoluene	13.28	119	376426	49.637	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	185818	49.388	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	185000	48.876	ug/l	100
89) n-Butylbenzene	13.61	91	349664	49.582	ug/l	99
90) Hexachloroethane	13.87	117	57523	49.439	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	180216	50.187	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29339	54.923	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061067.D
Acq On : 17 Apr 2020 21:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:21:17 AM

Quant Time: Apr 20 06:03:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	106768	50.234	ug/l	99
94) Hexachlorobutadiene	15.00	225	51779	47.357	ug/l	100
95) Naphthalene	15.13	128	323892	52.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	103615	50.587	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061067.D
 Acq On : 17 Apr 2020 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:21:17 AM

Quant Time: Apr 20 06:03:23 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

