

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064450.D
 Acq On : 4 Nov 2020 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:37 PM

Quant Time: Nov 05 02:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	311511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	558511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	267329	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	186380	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	700785	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.38	95	264334	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	196499	48.458	ug/l	97
3) Chloromethane	2.04	50	236753	48.067	ug/l	99
4) Vinyl Chloride	2.17	62	250650	49.555	ug/l	99
5) Bromomethane	2.53	94	157969	48.888	ug/l	96
6) Chloroethane	2.67	64	163066	50.355	ug/l	99
7) Trichlorofluoromethane	2.99	101	366237	49.173	ug/l	99
8) Diethyl Ether	3.38	74	131552	50.017	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	165933	46.916	ug/l	99
10) Methyl Iodide	3.91	142	209619	51.007	ug/l	99
11) Tert butyl alcohol	4.75	59	169675	283.557	ug/l	99
12) 1,1-Dichloroethene	3.69	96	163071	48.948	ug/l	95
13) Acrolein	3.57	56	109951	296.230	ug/l	96
14) Allyl chloride	4.27	41	317365	48.697	ug/l	99
15) Acrylonitrile	4.94	53	470931	282.679	ug/l	98
16) Acetone	3.78	43	433133	209.559	ug/l	98
17) Carbon Disulfide	4.01	76	479794	48.158	ug/l	99
18) Methyl Acetate	4.28	43	210709	51.855	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	611313	50.983	ug/l	98
20) Methylene Chloride	4.50	84	199062	48.542	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	187872	49.666	ug/l	98
22) Diisopropyl ether	5.91	45	703107	50.824	ug/l	97
23) Vinyl Acetate	5.85	43	3040626	270.179	ug/l	99
24) 1,1-Dichloroethane	5.80	63	382171	50.272	ug/l	99
25) 2-Butanone	6.79	43	690173	262.075	ug/l	99
26) 2,2-Dichloropropane	6.78	77	294185	42.749	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	216908	49.486	ug/l	97
28) Bromochloromethane	7.15	49	178462	47.760	ug/l	99
29) Tetrahydrofuran	7.17	42	455887	282.159	ug/l	99
30) Chloroform	7.33	83	401376	50.229	ug/l	98
31) Cyclohexane	7.61	56	301848	45.763	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	346385	48.873	ug/l	99
36) 1,1-Dichloropropene	7.75	75	284006	48.134	ug/l	98
37) Ethyl Acetate	6.89	43	304070	50.765	ug/l	100
38) Carbon Tetrachloride	7.73	117	306934	48.674	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064450.D
 Acq On : 4 Nov 2020 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:37 PM

Quant Time: Nov 05 02:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	252499	47.739	ug/l	99
40) Benzene	8.00	78	844866	48.729	ug/l	99
41) Methacrylonitrile	7.14	41	136247m	52.085	ug/l	
42) 1,2-Dichloroethane	8.09	62	354762	50.703	ug/l	100
43) Isopropyl Acetate	8.13	43	507506	53.076	ug/l	100
44) Trichloroethene	8.80	130	208924	47.761	ug/l	99
45) 1,2-Dichloropropane	9.09	63	228700	49.436	ug/l	99
46) Dibromomethane	9.18	93	151114	49.621	ug/l	99
47) Bromodichloromethane	9.37	83	329846	50.372	ug/l	99
48) Methyl methacrylate	9.17	41	255454	52.944	ug/l	100
49) 1,4-Dioxane	9.17	88	72203	1136.133	ug/l	100
51) 4-Methyl-2-Pentanone	9.96	43	1573428	282.167	ug/l	100
52) Toluene	10.13	92	534746	50.568	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	348307	50.173	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	369574	49.792	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	208006	50.437	ug/l	99
56) Ethyl methacrylate	10.40	69	321749	47.513	ug/l	99
57) 1,3-Dichloropropane	10.68	76	364386	50.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	839840	260.913	ug/l	99
59) 2-Hexanone	10.72	43	1148231	252.480	ug/l	100
60) Dibromochloromethane	10.87	129	240472	52.080	ug/l	98
61) 1,2-Dibromoethane	10.98	107	221048	52.843	ug/l	99
64) Tetrachloroethene	10.60	164	185775	45.806	ug/l	96
65) Chlorobenzene	11.41	112	559683	48.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	214782	49.880	ug/l	98
67) Ethyl Benzene	11.49	91	1033483	50.339	ug/l	100
68) m/p-Xylenes	11.59	106	751360	100.913	ug/l	97
69) o-Xylene	11.92	106	361067	50.184	ug/l	99
70) Styrene	11.94	104	629355	51.983	ug/l	100
71) Bromoform	12.10	173	157905	48.868	ug/l #	100
73) Isopropylbenzene	12.22	105	938928	49.751	ug/l	99
74) N-amyl acetate	12.05	43	456727	49.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	301263	51.971	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	290645m	50.520	ug/l	
77) Bromobenzene	12.50	156	224771	48.782	ug/l	97
78) n-propylbenzene	12.57	91	1085538	50.452	ug/l	100
79) 2-Chlorotoluene	12.65	91	689844	50.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	795460	51.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	104701	50.815	ug/l	100
82) 4-Chlorotoluene	12.75	91	718420	50.269	ug/l	100
83) tert-Butylbenzene	12.97	119	621042	51.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	811147	51.825	ug/l	97
85) sec-Butylbenzene	13.15	105	788069	51.173	ug/l	100
86) p-Isopropyltoluene	13.26	119	709721	51.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	386384	48.511	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	390894	47.490	ug/l	99
89) n-Butylbenzene	13.59	91	581313	48.809	ug/l	100
90) Hexachloroethane	13.85	117	133111	49.814	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	390198	50.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67163	58.194	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064450.D
Acq On : 4 Nov 2020 20:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:37 PM

Quant Time: Nov 05 02:36:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161887	42.889	ug/l	99
94) Hexachlorobutadiene	14.98	225	75399	48.336	ug/l	98
95) Naphthalene	15.10	128	550256	42.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	162960	44.531	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064450.D
 Acq On : 4 Nov 2020 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:37 PM

Quant Time: Nov 05 02:36:59 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

