

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060130.D
 Acq On : 17 Feb 2020 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:27:11 AM

Quant Time: Feb 18 02:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	126490	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
35) Dibromofluoromethane	7.57	113	97397	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.08	98	384820	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	146129	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	94948	50.826	ug/l	99
3) Chloromethane	2.04	50	118924	53.494	ug/l	98
4) Vinyl Chloride	2.17	62	133736	52.777	ug/l	98
5) Bromomethane	2.54	94	76400	49.170	ug/l	97
6) Chloroethane	2.68	64	66149	51.611	ug/l	99
7) Trichlorofluoromethane	3.00	101	160863	49.238	ug/l	100
8) Diethyl Ether	3.38	74	58042	53.370	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	90046	49.643	ug/l	97
10) Methyl Iodide	3.93	142	124689	51.093	ug/l	99
11) Tert butyl alcohol	4.73	59	101075	297.000	ug/l	100
12) 1,1-Dichloroethene	3.72	96	89643	50.731	ug/l	98
13) Acrolein	3.58	56	77069	229.109	ug/l	97
14) Allyl chloride	4.30	41	139235	53.536	ug/l	96
15) Acrylonitrile	4.94	53	247423	297.703	ug/l	99
16) Acetone	3.78	43	246148	248.136	ug/l	99
17) Carbon Disulfide	4.03	76	262843	49.350	ug/l	98
18) Methyl Acetate	4.29	43	112772	60.518	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	309895	52.150	ug/l	100
20) Methylene Chloride	4.52	84	103129	52.109	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	97540	50.639	ug/l	97
22) Diisopropyl ether	5.91	45	316453	55.520	ug/l	98
23) Vinyl Acetate	5.86	43	1376025	287.478	ug/l	97
24) 1,1-Dichloroethane	5.82	63	183458	53.132	ug/l	99
25) 2-Butanone	6.80	43	354153	283.868	ug/l	97
26) 2,2-Dichloropropane	6.80	77	155188	47.319	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	113121	50.182	ug/l	97
28) Bromochloromethane	7.17	49	77311	56.953	ug/l	92
29) Tetrahydrofuran	7.18	42	228047	297.954	ug/l	96
30) Chloroform	7.35	83	184684	51.060	ug/l	100
31) Cyclohexane	7.63	56	166588	51.792	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	168179	50.881	ug/l	99
36) 1,1-Dichloropropene	7.77	75	139573	48.951	ug/l	99
37) Ethyl Acetate	6.90	43	143230	55.582	ug/l	99
38) Carbon Tetrachloride	7.75	117	146945	47.453	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060130.D
 Acq On : 17 Feb 2020 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:27:11 AM

Quant Time: Feb 18 02:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	171995	48.594	ug/l	97
40) Benzene	8.02	78	413140	48.846	ug/l	99
41) Methacrylonitrile	7.15	41	64161m	59.370	ug/l	
42) 1,2-Dichloroethane	8.10	62	148459	50.080	ug/l	98
43) Isopropyl Acetate	8.14	43	245006	55.619	ug/l	97
44) Trichloroethene	8.82	130	107381	45.850	ug/l	96
45) 1,2-Dichloropropane	9.10	63	109648	52.363	ug/l	99
46) Dibromomethane	9.19	93	73375	49.585	ug/l	97
47) Bromodichloromethane	9.39	83	150494	50.023	ug/l	98
48) Methyl methacrylate	9.18	41	109876	55.594	ug/l	95
49) 1,4-Dioxane	9.18	88	39720	1176.237	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	739707	290.113	ug/l	98
52) Toluene	10.14	92	265922	49.028	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	173718	51.156	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	178816	50.006	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	104017	49.158	ug/l	98
56) Ethyl methacrylate	10.42	69	161736	54.032	ug/l	97
57) 1,3-Dichloropropane	10.70	76	173832	49.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	390080	279.727	ug/l	97
59) 2-Hexanone	10.74	43	556756	282.676	ug/l	98
60) Dibromochloromethane	10.89	129	118263	48.704	ug/l	98
61) 1,2-Dibromoethane	10.99	107	110687	49.900	ug/l	99
64) Tetrachloroethene	10.62	164	93797	42.278	ug/l	98
65) Chlorobenzene	11.43	112	281193	47.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	107640	47.855	ug/l	99
67) Ethyl Benzene	11.50	91	518718	48.371	ug/l	99
68) m/p-Xylenes	11.62	106	390586	97.045	ug/l	99
69) o-Xylene	11.94	106	187841	48.472	ug/l	99
70) Styrene	11.96	104	315740	50.526	ug/l	99
71) Bromoform	12.12	173	91295	50.464	ug/l #	97
73) Isopropylbenzene	12.24	105	512671	45.657	ug/l	100
74) N-amyl acetate	12.06	43	224586	55.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162320	50.223	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	141948m	49.341	ug/l	
77) Bromobenzene	12.52	156	125600	45.073	ug/l	95
78) n-propylbenzene	12.59	91	598592	46.790	ug/l	99
79) 2-Chlorotoluene	12.67	91	350648	46.632	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	435651	46.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	59919	50.997	ug/l	99
82) 4-Chlorotoluene	12.77	91	358648	46.489	ug/l	99
83) tert-Butylbenzene	12.99	119	372214	45.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	430241	46.684	ug/l	100
85) sec-Butylbenzene	13.17	105	506008	46.262	ug/l	99
86) p-Isopropyltoluene	13.28	119	456198	46.034	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	225900	45.797	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	225774	45.780	ug/l	99
89) n-Butylbenzene	13.61	91	412434	47.317	ug/l	99
90) Hexachloroethane	13.87	117	84811	45.810	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	217681	45.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35304	51.394	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
Data File : VN060130.D
Acq On : 17 Feb 2020 19:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/18/2020 9:27:11 AM

Quant Time: Feb 18 02:57:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	137384	48.436	ug/l	98
94) Hexachlorobutadiene	15.01	225	71008	42.763	ug/l	99
95) Naphthalene	15.13	128	379657	49.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130509	46.204	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
Data File : VN060130.D
Acq On : 17 Feb 2020 19:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/18/2020 9:27:11 AM

Quant Time: Feb 18 02:57:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

