

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054113.D
 Acq On : 6 Mar 2019 11:29
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:38:06 AM

Quant Time: Mar 07 06:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 05:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	655122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1018955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	903451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	414756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	389774	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.59	113	338088	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.09	98	1301157	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	428978	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	283957	45.099	ug/l	100
3) Chloromethane	2.06	50	394253	43.698	ug/l	100
4) Vinyl Chloride	2.18	62	394424	46.237	ug/l	100
5) Bromomethane	2.57	94	215286	38.922	ug/l	100
6) Chloroethane	2.70	64	233622	45.183	ug/l	100
7) Trichlorofluoromethane	3.02	101	488636	46.885	ug/l	100
8) Diethyl Ether	3.41	74	189767	45.696	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	310192	45.750	ug/l	100
10) Methyl Iodide	3.95	142	378172	52.557	ug/l	100
11) Tert butyl alcohol	4.77	59	123748	258.531	ug/l	100
12) 1,1-Dichloroethene	3.74	96	294823	46.612	ug/l	100
13) Acrolein	3.60	56	100210	238.053	ug/l	100
14) Allyl chloride	4.32	41	547266	48.019	ug/l	100
15) Acrylonitrile	4.98	53	652629	241.558	ug/l	100
16) Acetone	3.81	43	557160	228.887	ug/l	100
17) Carbon Disulfide	4.05	76	906880	43.957	ug/l	100
18) Methyl Acetate	4.32	43	277456	44.708	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	854719	48.150	ug/l	100
20) Methylene Chloride	4.55	84	345609	44.681	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	321401	46.287	ug/l	100
22) Diisopropyl ether	5.95	45	1094146	49.273	ug/l	100
23) Vinyl Acetate	5.89	43	3936345	249.554	ug/l	100
24) 1,1-Dichloroethane	5.85	63	624135	46.979	ug/l	100
25) 2-Butanone	6.83	43	780218	241.996	ug/l	100
26) 2,2-Dichloropropane	6.82	77	454722	47.487	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	367632	47.480	ug/l	100
28) Bromochloromethane	7.19	49	320020	48.260	ug/l	100
29) Tetrahydrofuran	7.21	42	513061	242.785	ug/l	100
30) Chloroform	7.37	83	605056	47.530	ug/l	100
31) Cyclohexane	7.65	56	581687	40.326	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	498586	47.240	ug/l	100
36) 1,1-Dichloropropene	7.79	75	462750	48.384	ug/l	100
37) Ethyl Acetate	6.92	43	331361	48.325	ug/l	100
38) Carbon Tetrachloride	7.77	117	438867	48.067	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054113.D
 Acq On : 6 Mar 2019 11:29
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:38:06 AM

Quant Time: Mar 07 06:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 05:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	537999	48.742	ug/l	100
40) Benzene	8.04	78	1418385	50.127	ug/l	100
41) Methacrylonitrile	7.19	41	214573m	51.475	ug/l	
42) 1,2-Dichloroethane	8.12	62	435533	48.591	ug/l	100
43) Isopropyl Acetate	8.16	43	552289	51.823	ug/l	100
44) Trichloroethene	8.83	130	371786	49.001	ug/l	100
45) 1,2-Dichloropropane	9.12	63	385207	49.355	ug/l	100
46) Dibromomethane	9.21	93	221469	49.709	ug/l	100
47) Bromodichloromethane	9.40	83	466307	49.999	ug/l	100
48) Methyl methacrylate	9.20	41	274129	52.089	ug/l	100
49) 1,4-Dioxane	9.20	88	76379	1098.313	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1591603	260.670	ug/l	100
52) Toluene	10.16	92	849287	50.662	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	472189	51.331	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	548760	50.474	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	311448	49.337	ug/l	100
56) Ethyl methacrylate	10.43	69	397984	53.705	ug/l	100
57) 1,3-Dichloropropane	10.71	76	541669	50.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	874698	257.877	ug/l	100
59) 2-Hexanone	10.75	43	1046815	259.880	ug/l	100
60) Dibromochloromethane	10.90	129	341505	50.594	ug/l	100
61) 1,2-Dibromoethane	11.00	107	302183	50.308	ug/l	100
64) Tetrachloroethene	10.63	164	357296	48.189	ug/l	100
65) Chlorobenzene	11.43	112	902564	48.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	328287	48.778	ug/l	100
67) Ethyl Benzene	11.51	91	1556980	49.489	ug/l	100
68) m/p-Xylenes	11.62	106	1192654	100.453	ug/l	100
69) o-Xylene	11.95	106	577760	50.571	ug/l	100
70) Styrene	11.96	104	933679	51.484	ug/l	100
71) Bromoform	12.13	173	233738	50.462	ug/l #	100
73) Isopropylbenzene	12.25	105	1505112	45.607	ug/l	100
74) N-amyl acetate	12.07	43	436406	49.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	377044	43.896	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	361705m	55.778	ug/l	
77) Bromobenzene	12.53	156	382898	45.033	ug/l	100
78) n-propylbenzene	12.59	91	1772699	47.736	ug/l	100
79) 2-Chlorotoluene	12.67	91	1032466	45.777	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1270546	47.361	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	102084	49.598	ug/l	100
82) 4-Chlorotoluene	12.77	91	1049618	46.684	ug/l	100
83) tert-Butylbenzene	12.99	119	1117498	47.037	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1296252	48.683	ug/l	100
85) sec-Butylbenzene	13.17	105	1509381	46.816	ug/l	100
86) p-Isopropyltoluene	13.29	119	1297762	47.881	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	670106	46.399	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	653128	45.568	ug/l	100
89) n-Butylbenzene	13.62	91	1110603	48.531	ug/l	100
90) Hexachloroethane	13.87	117	233677	44.950	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	653833	45.477	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57002	47.339	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
Data File : VN054113.D
Acq On : 6 Mar 2019 11:29
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/7/2019 11:38:06 AM

Quant Time: Mar 07 06:14:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 05:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	335739	48.920	ug/l	100
94) Hexachlorobutadiene	15.01	225	219237	42.603	ug/l	100
95) Naphthalene	15.13	128	697638	49.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	323021	46.762	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030619\
Data File : VN054113.D
Acq On : 6 Mar 2019 11:29
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/7/2019 11:38:06 AM

Quant Time: Mar 07 06:14:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 05:44:36 2019
Response via : Initial Calibration

