

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057710.D
 Acq On : 6 Sep 2019 14:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 1:10:50 PM

Quant Time: Sep 06 23:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	197592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	296555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	232508	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.57	113	146381	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.08	98	569815	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.40	95	232061	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	159398	50.798	ug/l	96
3) Chloromethane	2.03	50	165137	45.097	ug/l	100
4) Vinyl Chloride	2.16	62	131019	48.214	ug/l	97
5) Bromomethane	2.54	94	69875	55.988	ug/l	100
6) Chloroethane	2.68	64	78088	48.675	ug/l	93
7) Trichlorofluoromethane	2.99	101	199905	45.838	ug/l	100
8) Diethyl Ether	3.39	74	88809	50.964	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	139468	51.242	ug/l	96
10) Methyl Iodide	3.92	142	148920	55.224	ug/l	96
11) Tert butyl alcohol	4.76	59	129119	236.420	ug/l	100
12) 1,1-Dichloroethene	3.71	96	125839	51.388	ug/l	99
13) Acrolein	3.58	56	62530	240.749	ug/l	95
14) Allyl chloride	4.30	41	280892	50.195	ug/l	98
15) Acrylonitrile	4.96	53	374004	266.364	ug/l	100
16) Acetone	3.79	43	373277	252.344	ug/l	97
17) Carbon Disulfide	4.02	76	284566	51.290	ug/l	99
18) Methyl Acetate	4.30	43	189553	47.122	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	518114	50.396	ug/l	98
20) Methylene Chloride	4.52	84	158184	49.457	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	132944	51.593	ug/l	95
22) Diisopropyl ether	5.93	45	607480	51.317	ug/l	98
23) Vinyl Acetate	5.87	43	2583746	269.658	ug/l	100
24) 1,1-Dichloroethane	5.82	63	306256	50.456	ug/l	99
25) 2-Butanone	6.81	43	553812	261.432	ug/l	100
26) 2,2-Dichloropropane	6.80	77	271747	53.666	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	169590	52.433	ug/l	96
28) Bromochloromethane	7.18	49	162513	51.172	ug/l	98
29) Tetrahydrofuran	7.19	42	346490	253.628	ug/l	98
30) Chloroform	7.35	83	323612	51.166	ug/l	99
31) Cyclohexane	7.63	56	266442	49.385	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	275334	52.263	ug/l	99
36) 1,1-Dichloropropene	7.77	75	219349	52.373	ug/l	98
37) Ethyl Acetate	6.91	43	229256	55.137	ug/l	100
38) Carbon Tetrachloride	7.76	117	218700	54.535	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057710.D
 Acq On : 6 Sep 2019 14:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 1:10:50 PM

Quant Time: Sep 06 23:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	242461	54.732	ug/l	99
40) Benzene	8.03	78	634096	53.527	ug/l	99
41) Methacrylonitrile	7.15	41	111028	54.627	ug/l #	90
42) 1,2-Dichloroethane	8.11	62	286109	51.526	ug/l	99
43) Isopropyl Acetate	8.15	43	420210	52.652	ug/l	98
44) Trichloroethene	8.82	130	149256	56.060	ug/l	96
45) 1,2-Dichloropropane	9.11	63	177347	53.528	ug/l	99
46) Dibromomethane	9.20	93	115882	54.527	ug/l	98
47) Bromodichloromethane	9.39	83	247763	54.856	ug/l	100
48) Methyl methacrylate	9.19	41	210109	51.190	ug/l	99
49) 1,4-Dioxane	9.19	88	52827	1106.162	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1219568	275.158	ug/l	99
52) Toluene	10.15	92	391770	54.565	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260713	57.537	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	272236	55.608	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	158693	54.922	ug/l	97
56) Ethyl methacrylate	10.43	69	259517	56.271	ug/l	95
57) 1,3-Dichloropropane	10.70	76	281650	54.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	654981	279.931	ug/l	100
59) 2-Hexanone	10.75	43	901569	288.462	ug/l	99
60) Dibromochloromethane	10.90	129	159509	51.151	ug/l	98
61) 1,2-Dibromoethane	11.00	107	156344	56.362	ug/l	99
64) Tetrachloroethene	10.63	164	125606	54.327	ug/l	96
65) Chlorobenzene	11.43	112	416482	53.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	154155	57.269	ug/l	98
67) Ethyl Benzene	11.51	91	799025	53.534	ug/l	99
68) m/p-Xylenes	11.62	106	563030	109.521	ug/l	99
69) o-Xylene	11.95	106	276637	54.345	ug/l	98
70) Styrene	11.96	104	484566	55.015	ug/l	98
71) Bromoform	12.13	173	101859	50.600	ug/l #	98
73) Isopropylbenzene	12.25	105	791457	53.033	ug/l	100
74) N-amyl acetate	12.07	43	384589	51.587	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	232071	51.858	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	205907m	53.118	ug/l	
77) Bromobenzene	12.53	156	176144	54.328	ug/l	95
78) n-propylbenzene	12.59	91	947591	53.443	ug/l	99
79) 2-Chlorotoluene	12.68	91	566697	52.501	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	679207	53.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66408	53.279	ug/l	98
82) 4-Chlorotoluene	12.78	91	587043	52.807	ug/l	99
83) tert-Butylbenzene	13.00	119	562097	52.594	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	674704	53.728	ug/l	100
85) sec-Butylbenzene	13.17	105	782601	53.152	ug/l	99
86) p-Isopropyltoluene	13.29	119	690450	55.332	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	324674	53.566	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	325620	53.703	ug/l	98
89) n-Butylbenzene	13.62	91	689984	55.912	ug/l	98
90) Hexachloroethane	13.88	117	110602	56.568	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	319467	53.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46779	53.060	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057710.D
Acq On : 6 Sep 2019 14:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/9/2019 1:10:50 PM

Quant Time: Sep 06 23:31:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	203820	57.092	ug/l	99
94) Hexachlorobutadiene	15.01	225	101700	58.445	ug/l	98
95) Naphthalene	15.13	128	562416	54.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	193430	56.526	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057710.D
 Acq On : 6 Sep 2019 14:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 1:10:50 PM

Quant Time: Sep 06 23:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

