

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057613.D
 Acq On : 31 Aug 2019 14:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:51:57 AM

Quant Time: Aug 31 15:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:14:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	193289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	133112	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	221835	61.47	ug/l	0.00
Spiked Amount						
			Recovery	=	122.94%	
35) Dibromofluoromethane	7.58	113	144039	61.77	ug/l	0.00
Spiked Amount						
			Recovery	=	123.54%	
50) Toluene-d8	10.08	98	564079	63.97	ug/l	0.00
Spiked Amount						
			Recovery	=	127.94%	
62) 4-Bromofluorobenzene	12.40	95	204839	67.27	ug/l	0.00
Spiked Amount						
			Recovery	=	134.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	157845	64.933	ug/l	100
3) Chloromethane	2.05	50	181967	54.109	ug/l	100
4) Vinyl Chloride	2.18	62	139445	36.695	ug/l	100
5) Bromomethane	2.51	94	83395	35.803	ug/l	100
6) Chloroethane	2.67	64	78834	32.534	ug/l	100
7) Trichlorofluoromethane	3.00	101	199717	33.979	ug/l	100
8) Diethyl Ether	3.40	74	64609	29.459	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	99056	30.651	ug/l	100
10) Methyl Iodide	3.92	142	137069	53.417	ug/l	100
11) Tert butyl alcohol	4.81	59	114086	261.860	ug/l	100
12) 1,1-Dichloroethene	3.71	96	89813	29.086	ug/l	100
13) Acrolein	3.59	56	42596	127.789	ug/l	100
14) Allyl chloride	4.29	41	282909	56.680	ug/l	100
15) Acrylonitrile	4.97	53	355355	297.721	ug/l	100
16) Acetone	3.81	43	315133	196.241	ug/l	100
17) Carbon Disulfide	4.02	76	296116	46.854	ug/l	100
18) Methyl Acetate	4.31	43	198553	47.726	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	473640	56.967	ug/l	100
20) Methylene Chloride	4.53	84	153434	57.058	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	136721	56.247	ug/l	100
22) Diisopropyl ether	5.94	45	596471	60.515	ug/l	100
23) Vinyl Acetate	5.88	43	2420074	311.951	ug/l	100
24) 1,1-Dichloroethane	5.82	63	296128	57.210	ug/l	100
25) 2-Butanone	6.83	43	533675	298.341	ug/l	100
26) 2,2-Dichloropropane	6.81	77	238805	53.843	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	161124	56.111	ug/l	100
28) Bromochloromethane	7.18	49	154029	56.468	ug/l	100
29) Tetrahydrofuran	7.20	42	328831	282.926	ug/l	100
30) Chloroform	7.36	83	294406	54.760	ug/l	100
31) Cyclohexane	7.63	56	283794	56.541	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	244442	55.435	ug/l	100
36) 1,1-Dichloropropene	7.78	75	218892	62.106	ug/l	100
37) Ethyl Acetate	6.92	43	214153	61.872	ug/l	100
38) Carbon Tetrachloride	7.76	117	196245	57.300	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057613.D
 Acq On : 31 Aug 2019 14:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:51:57 AM

Quant Time: Aug 31 15:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:14:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	261977	62.761	ug/l	100
40) Benzene	8.03	78	636423	60.590	ug/l	100
41) Methacrylonitrile	7.16	41	107882	64.219	ug/l	100
42) 1,2-Dichloroethane	8.11	62	260839	63.565	ug/l	100
43) Isopropyl Acetate	8.16	43	387174	61.092	ug/l	100
44) Trichloroethene	8.82	130	142205	60.879	ug/l	100
45) 1,2-Dichloropropane	9.11	63	176709	59.760	ug/l	100
46) Dibromomethane	9.20	93	109178	58.152	ug/l	100
47) Bromodichloromethane	9.40	83	230799	59.309	ug/l	100
48) Methyl methacrylate	9.19	41	195799	64.264	ug/l	100
49) 1,4-Dioxane	9.20	88	42972	1118.611	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1147021	321.399	ug/l	100
52) Toluene	10.15	92	384254	63.149	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238613	58.837	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	265164	58.600	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	145894	59.726	ug/l	100
56) Ethyl methacrylate	10.43	69	243428	63.112	ug/l	100
57) 1,3-Dichloropropane	10.70	76	267383	62.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	345034	368.519	ug/l	100
59) 2-Hexanone	10.75	43	809919	329.036	ug/l	100
60) Dibromochloromethane	10.90	129	146252	57.428	ug/l	100
61) 1,2-Dibromoethane	11.00	107	146466	61.290	ug/l	100
64) Tetrachloroethene	10.63	164	133420	59.935	ug/l	100
65) Chlorobenzene	11.43	112	384480	59.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	133881	55.475	ug/l	100
67) Ethyl Benzene	11.51	91	769529	61.854	ug/l	100
68) m/p-Xylenes	11.62	106	535784	126.678	ug/l	100
69) o-Xylene	11.95	106	259610	62.205	ug/l	100
70) Styrene	11.96	104	438705	65.871	ug/l	100
71) Bromoform	12.13	173	87798	54.427	ug/l #	100
73) Isopropylbenzene	12.25	105	722256	47.360	ug/l	100
74) N-amyl acetate	12.07	43	337040	48.134	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	207559	46.384	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	180523m	51.627	ug/l	
77) Bromobenzene	12.53	156	154627	50.663	ug/l	100
78) n-propylbenzene	12.59	91	818958	50.486	ug/l	100
79) 2-Chlorotoluene	12.67	91	504042	51.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	609477	50.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54280	41.768	ug/l	100
82) 4-Chlorotoluene	12.77	91	490446	52.868	ug/l	100
83) tert-Butylbenzene	12.99	119	504701	47.191	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	584446	54.712	ug/l	100
85) sec-Butylbenzene	13.17	105	683652	52.022	ug/l	100
86) p-Isopropyltoluene	13.29	119	567546	53.004	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	247742	55.588	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	232590	53.661	ug/l	100
89) n-Butylbenzene	13.62	91	506819	55.701	ug/l	100
90) Hexachloroethane	13.88	117	97454	40.585	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	241613	56.714	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32086	44.906	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
Data File : VN057613.D
Acq On : 31 Aug 2019 14:01
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:51:57 AM

Quant Time: Aug 31 15:24:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84271	54.072	ug/l	100
94) Hexachlorobutadiene	15.01	225	76324	56.418	ug/l	100
95) Naphthalene	15.13	128	263844	51.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	88277	53.962	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
Data File : VN057613.D
Acq On : 31 Aug 2019 14:01
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:51:57 AM

Quant Time: Aug 31 15:24:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:14:23 2019
Response via : Initial Calibration

