

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057110.D
 Acq On : 6 Aug 2019 17:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMdadoda
 8/9/2019 12:51:41 AM

Quant Time: Aug 07 04:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	387304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	568302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	501979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	213629	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
35) Dibromofluoromethane	7.58	113	197507	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.08	98	715036	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	254383	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	195544	49.942	ug/l	98
3) Chloromethane	2.05	50	209887	44.766	ug/l	99
4) Vinyl Chloride	2.18	62	199077	45.283	ug/l	98
5) Bromomethane	2.51	94	101051	36.973	ug/l	99
6) Chloroethane	2.63	64	112145	46.275	ug/l	99
7) Trichlorofluoromethane	2.97	101	287487	49.956	ug/l	99
8) Diethyl Ether	3.39	74	114097	52.976	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	179360	50.270	ug/l	98
10) Methyl Iodide	3.92	142	201654	42.297	ug/l	99
11) Tert butyl alcohol	4.81	59	135565	252.973	ug/l	98
12) 1,1-Dichloroethene	3.71	96	170245	50.008	ug/l	99
13) Acrolein	3.59	56	57089	207.245	ug/l	97
14) Allyl chloride	4.30	41	270700	48.883	ug/l	97
15) Acrylonitrile	4.98	53	400178	254.644	ug/l	99
16) Acetone	3.81	43	304332	211.888	ug/l	97
17) Carbon Disulfide	4.02	76	365589	40.413	ug/l	99
18) Methyl Acetate	4.31	43	241922	52.800	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	560691	55.235	ug/l	98
20) Methylene Chloride	4.53	84	200815	48.538	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	177626	49.128	ug/l	98
22) Diisopropyl ether	5.94	45	593407	52.008	ug/l	99
23) Vinyl Acetate	5.88	43	2044231	258.583	ug/l	98
24) 1,1-Dichloroethane	5.82	63	346339	51.447	ug/l	100
25) 2-Butanone	6.83	43	485923	238.588	ug/l	97
26) 2,2-Dichloropropane	6.81	77	266419	52.047	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	220335	51.524	ug/l	98
28) Bromochloromethane	7.18	49	152098	48.067	ug/l	97
29) Tetrahydrofuran	7.20	42	319788	240.657	ug/l	98
30) Chloroform	7.36	83	352934	51.276	ug/l	99
31) Cyclohexane	7.64	56	292769	44.941	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	298799	54.407	ug/l	98
36) 1,1-Dichloropropene	7.78	75	248788	49.751	ug/l	100
37) Ethyl Acetate	6.92	43	197628	49.344	ug/l	97
38) Carbon Tetrachloride	7.76	117	255100	53.931	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057110.D
 Acq On : 6 Aug 2019 17:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMdadoda
 8/9/2019 12:51:41 AM

Quant Time: Aug 07 04:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	299473	46.856	ug/l	97
40) Benzene	8.03	78	779473	50.608	ug/l	99
41) Methacrylonitrile	7.17	41	110283	59.564	ug/l	86
42) 1,2-Dichloroethane	8.11	62	257743	53.394	ug/l	99
43) Isopropyl Acetate	8.16	43	352550	53.258	ug/l #	89
44) Trichloroethene	8.82	130	216161	50.942	ug/l	99
45) 1,2-Dichloropropane	9.11	63	215439	52.294	ug/l	98
46) Dibromomethane	9.20	93	132648	53.390	ug/l	98
47) Bromodichloromethane	9.39	83	267145	54.689	ug/l	99
48) Methyl methacrylate	9.19	41	168702	52.786	ug/l	99
49) 1,4-Dioxane	9.20	88	69742	1058.904	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1013757	257.744	ug/l	100
52) Toluene	10.15	92	488399	52.778	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	274877	54.227	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	322176	54.663	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	197808	53.302	ug/l	99
56) Ethyl methacrylate	10.42	69	277379	49.511	ug/l	99
57) 1,3-Dichloropropane	10.70	76	326876	53.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	444569	199.908	ug/l	98
59) 2-Hexanone	10.75	43	727556	240.300	ug/l	99
60) Dibromochloromethane	10.90	129	212620	55.922	ug/l	99
61) 1,2-Dibromoethane	11.00	107	200061	55.241	ug/l	99
64) Tetrachloroethene	10.63	164	207949	48.072	ug/l	99
65) Chlorobenzene	11.43	112	535992	52.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	208116	54.045	ug/l	99
67) Ethyl Benzene	11.51	91	931226	52.664	ug/l	100
68) m/p-Xylenes	11.62	106	697928	106.949	ug/l	99
69) o-Xylene	11.94	106	343174	53.751	ug/l	99
70) Styrene	11.96	104	580683	51.403	ug/l	100
71) Bromoform	12.12	173	156609	58.251	ug/l #	98
73) Isopropylbenzene	12.25	105	927502	47.258	ug/l	100
74) N-amyl acetate	12.07	43	294685	51.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	276447	56.036	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	226468m	49.106	ug/l	
77) Bromobenzene	12.52	156	252891	49.371	ug/l	99
78) n-propylbenzene	12.59	91	999209	47.682	ug/l	99
79) 2-Chlorotoluene	12.67	91	622028	48.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	792726	49.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	76646	53.398	ug/l	98
82) 4-Chlorotoluene	12.77	91	608472	50.389	ug/l	100
83) tert-Butylbenzene	12.99	119	721606	50.606	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	778916	50.256	ug/l	100
85) sec-Butylbenzene	13.17	105	904220	49.162	ug/l	99
86) p-Isopropyltoluene	13.29	119	818279	50.110	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	412603	52.955	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	390903	52.115	ug/l	100
89) n-Butylbenzene	13.61	91	604796	48.056	ug/l	99
90) Hexachloroethane	13.87	117	143505	51.037	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	416748	54.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42990	55.073	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
Data File : VN057110.D
Acq On : 6 Aug 2019 17:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMdadoda
8/9/2019 12:51:41 AM

Quant Time: Aug 07 04:40:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186459	47.289	ug/l	99
94) Hexachlorobutadiene	15.01	225	158509	59.827	ug/l	98
95) Naphthalene	15.12	128	454353	47.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	205753	51.408	ug/l	100

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

