

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062455.D
 Acq On : 9 Jul 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:59 AM

Quant Time: Jul 09 15:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	170399	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	121362	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	481492	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	178391	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	114617	49.993	ug/l	97
3) Chloromethane	2.03	50	166857	45.357	ug/l	100
4) Vinyl Chloride	2.16	62	158449	52.573	ug/l	99
5) Bromomethane	2.52	94	55644	34.376	ug/l	99
6) Chloroethane	2.66	64	96307	54.864	ug/l	97
7) Trichlorofluoromethane	2.98	101	204958	53.545	ug/l	100
8) Diethyl Ether	3.37	74	89761	52.442	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	117822	51.925	ug/l	99
10) Methyl Iodide	3.91	142	91185	30.434	ug/l	100
11) Tert butyl alcohol	4.73	59	145616	253.557	ug/l	100
12) 1,1-Dichloroethene	3.70	96	120567	52.189	ug/l	99
13) Acrolein	3.57	56	98194	237.023	ug/l	98
14) Allyl chloride	4.28	41	266704	49.086	ug/l	96
15) Acrylonitrile	4.93	53	394375	261.839	ug/l	99
16) Acetone	3.77	43	341639	232.435	ug/l	100
17) Carbon Disulfide	4.01	76	353120	48.779	ug/l	100
18) Methyl Acetate	4.28	43	177997	48.526	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	464691	53.054	ug/l	97
20) Methylene Chloride	4.50	84	149472	47.563	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	128464	51.328	ug/l	96
22) Diisopropyl ether	5.91	45	548155	51.064	ug/l	95
23) Vinyl Acetate	5.84	43	2314875	260.321	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284179	51.231	ug/l	99
25) 2-Butanone	6.79	43	542951	252.937	ug/l	97
26) 2,2-Dichloropropane	6.77	77	215935	50.771	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	153853	53.072	ug/l	98
28) Bromochloromethane	7.15	49	141791	47.050	ug/l	97
29) Tetrahydrofuran	7.17	42	370186	256.149	ug/l	98
30) Chloroform	7.33	83	264178	52.747	ug/l	99
31) Cyclohexane	7.61	56	251255	47.780	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	218929	52.551	ug/l	99
36) 1,1-Dichloropropene	7.75	75	202714	50.408	ug/l	100
37) Ethyl Acetate	6.88	43	230159	48.946	ug/l	99
38) Carbon Tetrachloride	7.73	117	186303	51.530	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062455.D
 Acq On : 9 Jul 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:59 AM

Quant Time: Jul 09 15:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	222623	51.853	ug/l	96
40) Benzene	8.00	78	597858	50.443	ug/l	99
41) Methacrylonitrile	7.12	41	94737	48.220	ug/l	94
42) 1,2-Dichloroethane	8.09	62	222625	51.299	ug/l	100
43) Isopropyl Acetate	8.13	43	381303	51.330	ug/l	94
44) Trichloroethene	8.80	130	135806	51.644	ug/l	97
45) 1,2-Dichloropropane	9.09	63	172040	50.003	ug/l	98
46) Dibromomethane	9.18	93	99282	51.133	ug/l	100
47) Bromodichloromethane	9.37	83	215231	51.849	ug/l	98
48) Methyl methacrylate	9.17	41	184651	50.675	ug/l	98
49) 1,4-Dioxane	9.17	88	55423	1044.989	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1152823	259.830	ug/l	99
52) Toluene	10.12	92	353921	51.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	242886	52.226	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	262683	51.192	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	139251	51.717	ug/l	97
56) Ethyl methacrylate	10.40	69	247253	49.901	ug/l	99
57) 1,3-Dichloropropane	10.68	76	257312	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	436686	273.376	ug/l	97
59) 2-Hexanone	10.72	43	838153	260.214	ug/l	98
60) Dibromochloromethane	10.87	129	153911	52.719	ug/l	99
61) 1,2-Dibromoethane	10.98	107	144678	53.229	ug/l	100
64) Tetrachloroethene	10.60	164	111072	51.721	ug/l	98
65) Chlorobenzene	11.41	112	371012	52.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	136655	52.685	ug/l	99
67) Ethyl Benzene	11.48	91	699075	52.949	ug/l	99
68) m/p-Xylenes	11.60	106	502292	107.467	ug/l	98
69) o-Xylene	11.92	106	245583	53.966	ug/l	97
70) Styrene	11.94	104	416232	55.343	ug/l	100
71) Bromoform	12.10	173	104236	54.819	ug/l #	99
73) Isopropylbenzene	12.22	105	659941	52.338	ug/l	100
74) N-amyl acetate	12.04	43	337072	54.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	220464	52.000	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	194247m	48.584	ug/l	
77) Bromobenzene	12.50	156	148817	51.914	ug/l	97
78) n-propylbenzene	12.56	91	779998	52.957	ug/l	100
79) 2-Chlorotoluene	12.65	91	465249	52.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	552688	53.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69879	46.780	ug/l	99
82) 4-Chlorotoluene	12.75	91	478445	52.719	ug/l	99
83) tert-Butylbenzene	12.97	119	467247	53.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	544697	53.014	ug/l	99
85) sec-Butylbenzene	13.15	105	622877	53.586	ug/l	100
86) p-Isopropyltoluene	13.27	119	546792	54.502	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	262907	53.163	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	263452	51.774	ug/l	99
89) n-Butylbenzene	13.59	91	472399	53.328	ug/l	100
90) Hexachloroethane	13.85	117	97578	49.444	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	257728	53.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	42012	54.300	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062455.D
Acq On : 9 Jul 2020 14:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:59 AM

Quant Time: Jul 09 15:20:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	126178	54.898	ug/l	99
94) Hexachlorobutadiene	14.98	225	66805	52.622	ug/l	96
95) Naphthalene	15.10	128	355788	56.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	125948	48.989	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062455.D
Acq On : 9 Jul 2020 14:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:59 AM

Quant Time: Jul 09 15:20:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

