

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062482.D
 Acq On : 10 Jul 2020 2:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:01 AM

Quant Time: Jul 10 02:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	366189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	153514	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	110458	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.06	98	440993	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.37	95	160717	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102304	48.346	ug/l	96
3) Chloromethane	2.03	50	155643	45.840	ug/l	99
4) Vinyl Chloride	2.16	62	140750	50.597	ug/l	96
5) Bromomethane	2.52	94	61298	41.029	ug/l	95
6) Chloroethane	2.66	64	82616	50.991	ug/l	100
7) Trichlorofluoromethane	2.98	101	175497	49.674	ug/l	98
8) Diethyl Ether	3.37	74	82651	52.317	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	105094	50.180	ug/l	100
10) Methyl Iodide	3.91	142	121208	43.830	ug/l	100
11) Tert butyl alcohol	4.73	59	139262	262.728	ug/l	98
12) 1,1-Dichloroethene	3.70	96	107457	50.395	ug/l	99
13) Acrolein	3.57	56	94613	247.435	ug/l	98
14) Allyl chloride	4.27	41	239267	47.711	ug/l	99
15) Acrylonitrile	4.93	53	357448	257.125	ug/l	100
16) Acetone	3.77	43	297665	219.416	ug/l	99
17) Carbon Disulfide	4.01	76	311429	46.610	ug/l	99
18) Methyl Acetate	4.28	43	176506	52.135	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	414513	51.274	ug/l	99
20) Methylene Chloride	4.50	84	140413	48.408	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	117144	50.711	ug/l	96
22) Diisopropyl ether	5.90	45	505194	50.989	ug/l	98
23) Vinyl Acetate	5.84	43	2071255	252.361	ug/l	99
24) 1,1-Dichloroethane	5.80	63	259113	50.610	ug/l	99
25) 2-Butanone	6.79	43	488597	246.608	ug/l	99
26) 2,2-Dichloropropane	6.78	77	161227	41.071	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	137406	51.354	ug/l	97
28) Bromochloromethane	7.15	49	134010	48.178	ug/l	96
29) Tetrahydrofuran	7.17	42	335582	251.580	ug/l	99
30) Chloroform	7.33	83	236866	51.240	ug/l	99
31) Cyclohexane	7.61	56	229444	47.273	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	196309	51.053	ug/l	99
36) 1,1-Dichloropropene	7.75	75	179043	48.530	ug/l	99
37) Ethyl Acetate	6.88	43	205313	47.593	ug/l	100
38) Carbon Tetrachloride	7.73	117	165157	49.794	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062482.D
 Acq On : 10 Jul 2020 2:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:01 AM

Quant Time: Jul 10 02:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	196000	49.763	ug/l	99
40) Benzene	8.00	78	543937	50.025	ug/l	99
41) Methacrylonitrile	7.13	41	103470	57.407	ug/l	92
42) 1,2-Dichloroethane	8.09	62	201494	50.610	ug/l	100
43) Isopropyl Acetate	8.13	43	342552	50.266	ug/l	93
44) Trichloroethene	8.80	130	121821	50.497	ug/l	99
45) 1,2-Dichloropropane	9.09	63	159071	50.396	ug/l	99
46) Dibromomethane	9.18	93	90375	50.737	ug/l	99
47) Bromodichloromethane	9.37	83	193307	50.760	ug/l	99
48) Methyl methacrylate	9.17	41	167996	50.255	ug/l	99
49) 1,4-Dioxane	9.17	88	48873	1004.455	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1042950	256.230	ug/l	99
52) Toluene	10.12	92	322429	51.338	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	213039	49.932	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	234062	49.721	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	128028	51.830	ug/l	98
56) Ethyl methacrylate	10.40	69	221330	48.732	ug/l	99
57) 1,3-Dichloropropane	10.68	76	235560	51.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	402585	274.718	ug/l	98
59) 2-Hexanone	10.72	43	757256	256.265	ug/l	98
60) Dibromochloromethane	10.87	129	137731	51.425	ug/l	98
61) 1,2-Dibromoethane	10.98	107	130145	52.193	ug/l	100
64) Tetrachloroethene	10.60	164	100486	50.732	ug/l	97
65) Chlorobenzene	11.41	112	335378	51.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	124132	51.888	ug/l	99
67) Ethyl Benzene	11.48	91	627214	51.507	ug/l	99
68) m/p-Xylenes	11.60	106	453272	105.147	ug/l	98
69) o-Xylene	11.92	106	221463	52.764	ug/l	98
70) Styrene	11.94	104	381586	55.009	ug/l	98
71) Bromoform	12.10	173	94058	53.633	ug/l #	98
73) Isopropylbenzene	12.22	105	587963	49.673	ug/l	100
74) N-amyl acetate	12.05	43	302052	52.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	198764	49.941	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	185600m	49.451	ug/l	
77) Bromobenzene	12.50	156	138497	51.467	ug/l	94
78) n-propylbenzene	12.57	91	696014	50.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	417960	49.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	501868	51.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	64914	46.293	ug/l	98
82) 4-Chlorotoluene	12.75	91	432592	50.777	ug/l	100
83) tert-Butylbenzene	12.97	119	420908	51.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	498911	51.727	ug/l	100
85) sec-Butylbenzene	13.15	105	557983	51.136	ug/l	100
86) p-Isopropyltoluene	13.26	119	490733	52.107	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	241460	52.013	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	239970	50.237	ug/l	99
89) n-Butylbenzene	13.59	91	424236	51.016	ug/l	99
90) Hexachloroethane	13.85	117	94977	51.267	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	235716	52.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37106	51.089	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062482.D
Acq On : 10 Jul 2020 2:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:01 AM

Quant Time: Jul 10 02:50:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115475	47.172	ug/l	99
94) Hexachlorobutadiene	14.98	225	61719	51.788	ug/l	98
95) Naphthalene	15.10	128	314840	53.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	118128	48.949	ug/l	98

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

