

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062310.D
 Acq On : 1 Jul 2020 23:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:31:06 PM

Quant Time: Jul 02 07:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155240	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
35) Dibromofluoromethane	7.55	113	117524	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.06	98	447908	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	152807	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95384	43.627	ug/l	100
3) Chloromethane	2.03	50	136085	52.949	ug/l	99
4) Vinyl Chloride	2.16	62	154035	44.738	ug/l	98
5) Bromomethane	2.52	94	102024	45.849	ug/l	97
6) Chloroethane	2.66	64	110456	46.963	ug/l	100
7) Trichlorofluoromethane	2.98	101	188984	44.545	ug/l	99
8) Diethyl Ether	3.37	74	85558	57.754	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	105174	47.340	ug/l	96
10) Methyl Iodide	3.91	142	127985	51.152	ug/l	99
11) Tert butyl alcohol	4.74	59	119641	306.986	ug/l	100
12) 1,1-Dichloroethene	3.69	96	108555	48.877	ug/l	98
13) Acrolein	3.56	56	96092	251.835	ug/l	100
14) Allyl chloride	4.27	41	168798	55.822	ug/l	97
15) Acrylonitrile	4.93	53	337592	317.876	ug/l	99
16) Acetone	3.77	43	266646	313.997	ug/l	96
17) Carbon Disulfide	4.00	76	299375	47.063	ug/l	99
18) Methyl Acetate	4.28	43	137365	63.660	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	412851	58.173	ug/l	96
20) Methylene Chloride	4.50	84	145514	58.434	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	121630	48.072	ug/l	94
22) Diisopropyl ether	5.90	45	414742	60.239	ug/l	98
23) Vinyl Acetate	5.84	43	1726679	307.172	ug/l	97
24) 1,1-Dichloroethane	5.80	63	244172	55.074	ug/l	99
25) 2-Butanone	6.79	43	420964	317.286	ug/l	96
26) 2,2-Dichloropropane	6.77	77	160962	43.568	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	147458	51.793	ug/l	98
28) Bromochloromethane	7.15	49	122770	63.822	ug/l	92
29) Tetrahydrofuran	7.17	42	284207	327.015	ug/l	96
30) Chloroform	7.33	83	245391	54.401	ug/l	98
31) Cyclohexane	7.61	56	184448	49.183	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	191078	50.230	ug/l	97
36) 1,1-Dichloropropene	7.75	75	171728	47.267	ug/l	99
37) Ethyl Acetate	6.88	43	178439	59.313	ug/l	99
38) Carbon Tetrachloride	7.73	117	158176	46.179	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062310.D
 Acq On : 1 Jul 2020 23:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:31:06 PM

Quant Time: Jul 02 07:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	179559	45.106	ug/l	97
40) Benzene	8.00	78	555970	50.206	ug/l	98
41) Methacrylonitrile	7.13	41	71704m	51.411	ug/l	
42) 1,2-Dichloroethane	8.09	62	201234	53.786	ug/l	98
43) Isopropyl Acetate	8.13	43	286950	58.510	ug/l	99
44) Trichloroethene	8.80	130	125505	44.929	ug/l	96
45) 1,2-Dichloropropane	9.09	63	149903	54.871	ug/l	99
46) Dibromomethane	9.18	93	97785	52.792	ug/l	95
47) Bromodichloromethane	9.37	83	200171	53.522	ug/l	99
48) Methyl methacrylate	9.17	41	136819	62.221	ug/l	93
49) 1,4-Dioxane	9.17	88	56331	1155.175	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	904850	315.790	ug/l	99
52) Toluene	10.12	92	340727	50.428	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212498	51.644	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	232571	53.090	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146462	55.144	ug/l	98
56) Ethyl methacrylate	10.40	69	209854	59.206	ug/l	96
57) 1,3-Dichloropropane	10.68	76	252897	55.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	393086	259.804	ug/l	96
59) 2-Hexanone	10.72	43	661625	319.770	ug/l	98
60) Dibromochloromethane	10.87	129	145314	51.678	ug/l	100
61) 1,2-Dibromoethane	10.98	107	143006	52.401	ug/l	100
64) Tetrachloroethene	10.60	164	97833	41.053	ug/l	96
65) Chlorobenzene	11.41	112	359690	46.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	128707	48.584	ug/l	99
67) Ethyl Benzene	11.48	91	637457	49.267	ug/l	98
68) m/p-Xylenes	11.60	106	487722	97.456	ug/l	97
69) o-Xylene	11.92	106	233886	49.533	ug/l	97
70) Styrene	11.94	104	408606	51.888	ug/l	99
71) Bromoform	12.10	173	93737	49.766	ug/l #	98
73) Isopropylbenzene	12.22	105	607622	47.670	ug/l	99
74) N-amyl acetate	12.05	43	247357	52.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	223810	52.765	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	190212m	49.070	ug/l	
77) Bromobenzene	12.50	156	144170	45.559	ug/l	90
78) n-propylbenzene	12.57	91	721343	49.475	ug/l	98
79) 2-Chlorotoluene	12.65	91	428663	48.633	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	515680	49.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68483	51.594	ug/l	96
82) 4-Chlorotoluene	12.75	91	446056	48.938	ug/l	98
83) tert-Butylbenzene	12.97	119	426177	48.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	520618	50.448	ug/l	98
85) sec-Butylbenzene	13.15	105	574065	49.129	ug/l	99
86) p-Isopropyltoluene	13.26	119	501544	48.992	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	256432	46.147	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	259977	45.387	ug/l	99
89) n-Butylbenzene	13.59	91	414980	48.758	ug/l	99
90) Hexachloroethane	13.85	117	96786	48.187	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	258717	48.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	38231	56.264	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062310.D
Acq On : 1 Jul 2020 23:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:31:06 PM

Quant Time: Jul 02 07:58:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107149	45.518	ug/l	99
94) Hexachlorobutadiene	14.98	225	44943	43.958	ug/l	99
95) Naphthalene	15.10	128	328470	42.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	110464	45.893	ug/l	99

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

