

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062100.D
 Acq On : 25 Jun 2020 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:52 PM

Quant Time: Jun 26 05:46:28 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	7.62	168	257894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	170270	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.54	113	138080	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	558671	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.37	95	194532	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139402	47.822	ug/l	99
3) Chloromethane	2.03	50	172183	50.177	ug/l	99
4) Vinyl Chloride	2.16	62	213566	46.522	ug/l	99
5) Bromomethane	2.52	94	127025	42.814	ug/l	97
6) Chloroethane	2.66	64	148757	47.437	ug/l	99
7) Trichlorofluoromethane	2.98	101	264466	46.754	ug/l	97
8) Diethyl Ether	3.37	74	95550	48.375	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	141261	47.689	ug/l	99
10) Methyl Iodide	3.91	142	152358	45.671	ug/l	100
11) Tert butyl alcohol	4.73	59	114114	219.608	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140412	47.417	ug/l	99
13) Acrolein	3.56	56	106968	210.259	ug/l	100
14) Allyl chloride	4.27	41	196491	48.737	ug/l	98
15) Acrylonitrile	4.92	53	327698	231.425	ug/l	100
16) Acetone	3.77	43	306744	270.353	ug/l	98
17) Carbon Disulfide	4.00	76	411334	48.497	ug/l	100
18) Methyl Acetate	4.27	43	127411	44.286	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	465243	49.167	ug/l	100
20) Methylene Chloride	4.50	84	166061	49.983	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	156423	46.369	ug/l	95
22) Diisopropyl ether	5.90	45	447178	48.713	ug/l	98
23) Vinyl Acetate	5.84	43	1849107	246.719	ug/l	100
24) 1,1-Dichloroethane	5.79	63	280824	47.507	ug/l	100
25) 2-Butanone	6.78	43	421827	238.458	ug/l	100
26) 2,2-Dichloropropane	6.77	77	239192	48.558	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178290	46.968	ug/l	100
28) Bromochloromethane	7.15	49	120440	46.959	ug/l	99
29) Tetrahydrofuran	7.16	42	265070	228.752	ug/l	98
30) Chloroform	7.32	83	289654	48.161	ug/l	98
31) Cyclohexane	7.61	56	235352	47.069	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	242150	47.743	ug/l	99
36) 1,1-Dichloropropene	7.75	75	217471	48.139	ug/l	100
37) Ethyl Acetate	6.88	43	175316	46.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	207730	48.774	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062100.D
 Acq On : 25 Jun 2020 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:52 PM

Quant Time: Jun 26 05:46:28 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	9.04	83	250674	50.643	ug/l	99
40) Benzene	8.00	78	672628	48.850	ug/l	98
41) Methacrylonitrile	7.12	41	71448m	41.199	ug/l	
42) 1,2-Dichloroethane	8.08	62	228341	49.083	ug/l	99
43) Isopropyl Acetate	8.12	43	291863	47.862	ug/l #	88
44) Trichloroethene	8.80	130	166249	47.864	ug/l	98
45) 1,2-Dichloropropane	9.08	63	167863	49.416	ug/l	99
46) Dibromomethane	9.17	93	112046	48.649	ug/l	100
47) Bromodichloromethane	9.37	83	231612	49.805	ug/l	98
48) Methyl methacrylate	9.16	41	133920	48.980	ug/l	99
49) 1,4-Dioxane	9.16	88	57020	940.396	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	867705	243.544	ug/l	99
52) Toluene	10.12	92	430779	51.275	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	260051	50.829	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	284359	52.205	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	166242	50.338	ug/l	98
56) Ethyl methacrylate	10.40	69	230010	52.189	ug/l	100
57) 1,3-Dichloropropane	10.68	76	283164	49.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	449340	240.144	ug/l	99
59) 2-Hexanone	10.72	43	645350	250.845	ug/l	99
60) Dibromochloromethane	10.87	129	176974	50.616	ug/l	98
61) 1,2-Dibromoethane	10.98	107	167106	49.245	ug/l	99
64) Tetrachloroethene	10.60	164	135164	46.159	ug/l	97
65) Chlorobenzene	11.40	112	454895	48.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161797	49.705	ug/l	99
67) Ethyl Benzene	11.48	91	816769	51.374	ug/l	100
68) m/p-Xylenes	11.59	106	631273	102.658	ug/l	98
69) o-Xylene	11.92	106	304844	52.542	ug/l	98
70) Styrene	11.94	104	518843	53.621	ug/l	100
71) Bromoform	12.10	173	114482	49.465	ug/l #	98
73) Isopropylbenzene	12.22	105	792983	49.349	ug/l	100
74) N-amyl acetate	12.04	43	269130	45.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	239300	44.752	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	211493m	43.279	ug/l	
77) Bromobenzene	12.50	156	185219	46.428	ug/l	98
78) n-propylbenzene	12.56	91	933954	50.813	ug/l	100
79) 2-Chlorotoluene	12.65	91	544352	48.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	669092	51.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	81397	48.644	ug/l	98
82) 4-Chlorotoluene	12.75	91	566837	49.330	ug/l	100
83) tert-Butylbenzene	12.97	119	544830	48.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663217	50.978	ug/l	100
85) sec-Butylbenzene	13.15	105	747136	50.720	ug/l	100
86) p-Isopropyltoluene	13.26	119	675028	52.305	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	345073	49.259	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	342439	47.422	ug/l	99
89) n-Butylbenzene	13.59	91	576808	53.759	ug/l	100
90) Hexachloroethane	13.85	117	124004	48.973	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	329890	48.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39650	46.287	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062100.D
Acq On : 25 Jun 2020 10:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:00:52 PM

Quant Time: Jun 26 05:46:28 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	160731	54.162	ug/l	99
94) Hexachlorobutadiene	14.98	225	62342	48.368	ug/l	99
95) Naphthalene	15.10	128	448138	45.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	158262	52.156	ug/l	100

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

