

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063379.D
 Acq On : 16 Sep 2020 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:09:58 PM

Quant Time: Sep 17 04:43:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	284761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215821	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	7.55	113	152536	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	10.06	98	584303	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.38	95	224894	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	151983	47.111	ug/l	99
3) Chloromethane	2.04	50	197761	46.338	ug/l	99
4) Vinyl Chloride	2.16	62	185643	49.097	ug/l	99
5) Bromomethane	2.53	94	111113	49.493	ug/l	97
6) Chloroethane	2.67	64	107251	46.208	ug/l	99
7) Trichlorofluoromethane	2.99	101	271345	48.099	ug/l	100
8) Diethyl Ether	3.38	74	106527	48.439	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	149143	47.009	ug/l	99
10) Methyl Iodide	3.91	142	198139	47.969	ug/l	99
11) Tert butyl alcohol	4.73	59	147324	219.384	ug/l	99
12) 1,1-Dichloroethene	3.70	96	151599	47.176	ug/l	98
13) Acrolein	3.57	56	103883	417.434	ug/l	99
14) Allyl chloride	4.28	41	302402	47.574	ug/l	98
15) Acrylonitrile	4.93	53	405468	237.371	ug/l	100
16) Acetone	3.77	43	355432	228.153	ug/l	99
17) Carbon Disulfide	4.01	76	429671	45.968	ug/l	99
18) Methyl Acetate	4.28	43	185270	46.846	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	556794	46.489	ug/l	99
20) Methylene Chloride	4.51	84	180905	45.833	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	164624	46.239	ug/l	98
22) Diisopropyl ether	5.90	45	615277	47.462	ug/l	99
23) Vinyl Acetate	5.84	43	2583462	242.655	ug/l	100
24) 1,1-Dichloroethane	5.80	63	337497	47.685	ug/l	99
25) 2-Butanone	6.78	43	553474	231.002	ug/l	98
26) 2,2-Dichloropropane	6.78	77	263108	42.223	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	192805	47.845	ug/l	100
28) Bromochloromethane	7.15	49	150343	46.006	ug/l	99
29) Tetrahydrofuran	7.16	42	374947	229.130	ug/l	99
30) Chloroform	7.33	83	339623	47.829	ug/l	99
31) Cyclohexane	7.61	56	290116	43.335	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297995	47.183	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248036	45.831	ug/l	100
37) Ethyl Acetate	6.88	43	243916	45.921	ug/l	99
38) Carbon Tetrachloride	7.74	117	253506	45.887	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063379.D
 Acq On : 16 Sep 2020 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:09:58 PM

Quant Time: Sep 17 04:43:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	266833	45.428	ug/l	98
40) Benzene	8.00	78	718046	46.478	ug/l	99
41) Methacrylonitrile	7.14	41	121243m	50.751	ug/l	
42) 1,2-Dichloroethane	8.09	62	287164	46.221	ug/l	99
43) Isopropyl Acetate	8.13	43	427076	44.966	ug/l #	90
44) Trichloroethene	8.80	130	172180	45.950	ug/l	99
45) 1,2-Dichloropropane	9.08	63	201462	47.879	ug/l	99
46) Dibromomethane	9.17	93	127956	46.268	ug/l	98
47) Bromodichloromethane	9.37	83	274340	47.750	ug/l	100
48) Methyl methacrylate	9.17	41	212771	45.597	ug/l	98
49) 1,4-Dioxane	9.16	88	59391	886.905	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1239720	233.154	ug/l	100
52) Toluene	10.13	92	452308	48.695	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	300883	46.910	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	317863	46.983	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	175029	47.440	ug/l	98
56) Ethyl methacrylate	10.40	69	277700	48.214	ug/l	99
57) 1,3-Dichloropropane	10.68	76	312460	46.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	720234	238.375	ug/l	99
59) 2-Hexanone	10.72	43	906245	235.257	ug/l	100
60) Dibromochloromethane	10.87	129	200071	48.000	ug/l	100
61) 1,2-Dibromoethane	10.98	107	183209	47.797	ug/l	97
64) Tetrachloroethene	10.60	164	148634	46.507	ug/l	96
65) Chlorobenzene	11.41	112	468236	46.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	175798	48.136	ug/l	99
67) Ethyl Benzene	11.48	91	893266	47.609	ug/l	100
68) m/p-Xylenes	11.59	106	643044	95.058	ug/l	98
69) o-Xylene	11.92	106	312758	48.533	ug/l	100
70) Styrene	11.94	104	539579	49.930	ug/l	99
71) Bromoform	12.10	173	133358	49.016	ug/l #	99
73) Isopropylbenzene	12.23	105	849313	47.051	ug/l	100
74) N-amyl acetate	12.05	43	401228	46.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258880	46.318	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	260491m	46.721	ug/l	
77) Bromobenzene	12.50	156	197228	48.573	ug/l	97
78) n-propylbenzene	12.57	91	994245	47.290	ug/l	99
79) 2-Chlorotoluene	12.65	91	591668	46.947	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	721533	47.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	90453	44.478	ug/l	98
82) 4-Chlorotoluene	12.75	91	626354	47.037	ug/l	99
83) tert-Butylbenzene	12.97	119	594111	47.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	721021	47.423	ug/l	99
85) sec-Butylbenzene	13.15	105	789168	47.457	ug/l	99
86) p-Isopropyltoluene	13.26	119	697751	47.572	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	352202	46.799	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	355447	46.454	ug/l	100
89) n-Butylbenzene	13.59	91	629765	46.582	ug/l	99
90) Hexachloroethane	13.85	117	131286	47.008	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348014	47.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59102	44.407	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063379.D
Acq On : 16 Sep 2020 21:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:09:58 PM

Quant Time: Sep 17 04:43:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195110	44.792	ug/l	99
94) Hexachlorobutadiene	14.98	225	78948	43.779	ug/l	98
95) Naphthalene	15.10	128	646130	44.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	183479	43.594	ug/l	99

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

