

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063432.D
 Acq On : 17 Sep 2020 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 2:45:31 PM

Quant Time: Sep 18 04:15:44 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	7.63	168	264408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	221548	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	154437	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.06	98	581661	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.38	95	226559	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	135483	45.229	ug/l	100
3) Chloromethane	2.04	50	176233	44.473	ug/l	98
4) Vinyl Chloride	2.16	62	170219	48.483	ug/l	99
5) Bromomethane	2.53	94	103626	49.711	ug/l	99
6) Chloroethane	2.67	64	103448	48.000	ug/l	97
7) Trichlorofluoromethane	2.99	101	244934	46.759	ug/l	99
8) Diethyl Ether	3.37	74	96759	47.384	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134101	45.522	ug/l	99
10) Methyl Iodide	3.91	142	186706	48.680	ug/l	99
11) Tert butyl alcohol	4.72	59	136491	218.898	ug/l	99
12) 1,1-Dichloroethene	3.70	96	137698	46.148	ug/l	97
13) Acrolein	3.57	56	52961	229.195	ug/l	98
14) Allyl chloride	4.28	41	271321	45.970	ug/l	99
15) Acrylonitrile	4.93	53	381262	240.381	ug/l	99
16) Acetone	3.77	43	345467	238.826	ug/l	98
17) Carbon Disulfide	4.01	76	386133	44.490	ug/l	100
18) Methyl Acetate	4.28	43	178070	48.492	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	518820	46.653	ug/l	100
20) Methylene Chloride	4.51	84	166815	45.516	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	151136	45.718	ug/l	99
22) Diisopropyl ether	5.90	45	569394	47.303	ug/l	99
23) Vinyl Acetate	5.84	43	2387360	241.496	ug/l	100
24) 1,1-Dichloroethane	5.80	63	307501	46.792	ug/l	99
25) 2-Butanone	6.78	43	526577	236.694	ug/l	98
26) 2,2-Dichloropropane	6.78	77	228444	39.482	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	176872	47.269	ug/l	100
28) Bromochloromethane	7.15	49	146289	48.211	ug/l	98
29) Tetrahydrofuran	7.17	42	358288	235.804	ug/l	99
30) Chloroform	7.33	83	311263	47.209	ug/l	99
31) Cyclohexane	7.61	56	253169	40.727	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	273933	46.712	ug/l	100
36) 1,1-Dichloropropene	7.75	75	227538	45.421	ug/l	99
37) Ethyl Acetate	6.88	43	234908	47.778	ug/l	99
38) Carbon Tetrachloride	7.74	117	229425	44.865	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063432.D
 Acq On : 17 Sep 2020 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 2:45:31 PM

Quant Time: Sep 18 04:15:44 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	233646	42.974	ug/l	99
40) Benzene	8.00	78	663473	46.396	ug/l	97
41) Methacrylonitrile	7.13	41	112910m	51.060	ug/l	
42) 1,2-Dichloroethane	8.08	62	275986	47.991	ug/l	100
43) Isopropyl Acetate	8.13	43	398600	45.340	ug/l	100
44) Trichloroethene	8.80	130	158103	45.583	ug/l	99
45) 1,2-Dichloropropane	9.08	63	183150	47.025	ug/l	98
46) Dibromomethane	9.18	93	122726	47.942	ug/l	99
47) Bromodichloromethane	9.37	83	252612	47.501	ug/l	99
48) Methyl methacrylate	9.17	41	197511	45.728	ug/l	98
49) 1,4-Dioxane	9.17	88	54870	885.226	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1184557	240.679	ug/l	100
52) Toluene	10.13	92	412575	47.986	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278946	46.984	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	288789	46.115	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	166458	48.742	ug/l	99
56) Ethyl methacrylate	10.40	69	258854	48.553	ug/l	98
57) 1,3-Dichloropropane	10.68	76	290566	47.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	673077	240.666	ug/l	99
59) 2-Hexanone	10.72	43	864883	242.559	ug/l	100
60) Dibromochloromethane	10.87	129	187464	48.589	ug/l	97
61) 1,2-Dibromoethane	10.98	107	173529	48.909	ug/l	100
64) Tetrachloroethene	10.60	164	140478	47.509	ug/l	99
65) Chlorobenzene	11.41	112	427026	46.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161382	47.762	ug/l	99
67) Ethyl Benzene	11.49	91	815959	47.005	ug/l	99
68) m/p-Xylenes	11.59	106	583020	93.153	ug/l	99
69) o-Xylene	11.92	106	285256	47.845	ug/l	99
70) Styrene	11.94	104	493992	49.407	ug/l	99
71) Bromoform	12.10	173	122143	48.524	ug/l #	100
73) Isopropylbenzene	12.23	105	757630	45.038	ug/l	99
74) N-amyl acetate	12.05	43	367304	46.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	239877	46.054	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	240141m	46.218	ug/l	
77) Bromobenzene	12.50	156	179213	47.361	ug/l	98
78) n-propylbenzene	12.57	91	897208	45.793	ug/l	99
79) 2-Chlorotoluene	12.65	91	545714	46.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	658667	46.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	83116	43.857	ug/l	97
82) 4-Chlorotoluene	12.75	91	572748	46.154	ug/l	100
83) tert-Butylbenzene	12.97	119	524792	45.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	669646	47.262	ug/l	99
85) sec-Butylbenzene	13.15	105	713293	46.028	ug/l	100
86) p-Isopropyltoluene	13.26	119	635619	46.502	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	328944	46.902	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	327644	45.949	ug/l	99
89) n-Butylbenzene	13.59	91	582297	46.218	ug/l	99
90) Hexachloroethane	13.85	117	114772	44.097	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	325219	47.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55131	44.450	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063432.D
Acq On : 17 Sep 2020 20:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/18/2020 2:45:31 PM

Quant Time: Sep 18 04:15:44 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	186973	46.060	ug/l	100
94) Hexachlorobutadiene	14.98	225	79890	47.539	ug/l	97
95) Naphthalene	15.10	128	615782	45.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	177581	45.276	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063432.D
Acq On : 17 Sep 2020 20:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/18/2020 2:45:31 PM

Quant Time: Sep 18 04:15:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

