

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063619.D
 Acq On : 24 Sep 2020 11:13
 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
 9/28/2020 5:15:59 PM

Quant Time: Sep 24 16:53:36 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	254844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	204239	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.55	113	143302	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.06	98	547019	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	210488	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127169	44.046	ug/l	99
3) Chloromethane	2.04	50	155641	40.750	ug/l	99
4) Vinyl Chloride	2.17	62	154820	45.752	ug/l	100
5) Bromomethane	2.53	94	98294	48.923	ug/l	95
6) Chloroethane	2.67	64	98276	47.312	ug/l	96
7) Trichlorofluoromethane	2.99	101	246730	48.870	ug/l	98
8) Diethyl Ether	3.37	74	86929	44.168	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133263	46.935	ug/l	96
10) Methyl Iodide	3.91	142	164703	44.555	ug/l	99
11) Tert butyl alcohol	4.72	59	111134	184.920	ug/l	100
12) 1,1-Dichloroethene	3.70	96	126350	43.934	ug/l	99
13) Acrolein	3.57	56	60203	270.313	ug/l	98
14) Allyl chloride	4.28	41	241815	42.509	ug/l	97
15) Acrylonitrile	4.93	53	341054	223.100	ug/l	100
16) Acetone	3.77	43	307291	220.407	ug/l	98
17) Carbon Disulfide	4.01	76	342000	40.883	ug/l	99
18) Methyl Acetate	4.28	43	165977	46.895	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	470377	43.884	ug/l	99
20) Methylene Chloride	4.51	84	155412	43.996	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	142669	44.776	ug/l	95
22) Diisopropyl ether	5.90	45	515278	44.414	ug/l	97
23) Vinyl Acetate	5.84	43	2114415	221.913	ug/l	99
24) 1,1-Dichloroethane	5.80	63	280976	44.360	ug/l	98
25) 2-Butanone	6.78	43	471035	219.674	ug/l	100
26) 2,2-Dichloropropane	6.78	77	245580	44.037	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	166604	46.196	ug/l	100
28) Bromochloromethane	7.15	49	135296	46.261	ug/l	98
29) Tetrahydrofuran	7.16	42	314129	214.500	ug/l	99
30) Chloroform	7.33	83	295824	46.551	ug/l	99
31) Cyclohexane	7.61	56	240357	40.117	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	259698	45.946	ug/l	99
36) 1,1-Dichloropropene	7.75	75	214964	48.209	ug/l	99
37) Ethyl Acetate	6.88	43	195297	44.626	ug/l	99
38) Carbon Tetrachloride	7.73	117	226414	49.742	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063619.D
 Acq On : 24 Sep 2020 11:13
 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
 9/28/2020 5:15:59 PM

Quant Time: Sep 24 16:53:36 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	218012	45.049	ug/l	98
40) Benzene	8.00	78	614974	48.314	ug/l	97
41) Methacrylonitrile	7.14	41	105596m	53.648	ug/l	
42) 1,2-Dichloroethane	8.08	62	255316	49.877	ug/l	99
43) Isopropyl Acetate	8.13	43	351693	44.943	ug/l #	90
44) Trichloroethene	8.80	130	155044	50.220	ug/l	98
45) 1,2-Dichloropropane	9.08	63	166863	48.132	ug/l	98
46) Dibromomethane	9.17	93	113640	49.873	ug/l	99
47) Bromodichloromethane	9.37	83	239396	50.573	ug/l	100
48) Methyl methacrylate	9.16	41	173997	45.257	ug/l	95
49) 1,4-Dioxane	9.16	88	47822	866.769	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1054189	240.634	ug/l	100
52) Toluene	10.12	92	386924	50.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	254106	48.084	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	271114	48.637	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154679	50.884	ug/l	99
56) Ethyl methacrylate	10.40	69	229092	48.276	ug/l	98
57) 1,3-Dichloropropane	10.68	76	266764	48.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	597500	240.018	ug/l	97
59) 2-Hexanone	10.72	43	764535	240.887	ug/l	100
60) Dibromochloromethane	10.87	129	174497	50.812	ug/l	99
61) 1,2-Dibromoethane	10.98	107	160091	50.692	ug/l	99
64) Tetrachloroethene	10.60	164	140845	52.097	ug/l	98
65) Chlorobenzene	11.41	112	411391	48.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156847	50.770	ug/l	99
67) Ethyl Benzene	11.48	91	769696	48.496	ug/l	100
68) m/p-Xylenes	11.59	106	566375	98.975	ug/l	99
69) o-Xylene	11.92	106	268374	49.232	ug/l	99
70) Styrene	11.94	104	472705	51.709	ug/l	99
71) Bromoform	12.10	173	117259	50.949	ug/l #	100
73) Isopropylbenzene	12.23	105	735410	46.127	ug/l	99
74) N-amyl acetate	12.05	43	321394	42.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	224721	45.522	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	204352m	41.497	ug/l	
77) Bromobenzene	12.50	156	173597	48.405	ug/l	94
78) n-propylbenzene	12.57	91	879174	47.345	ug/l	100
79) 2-Chlorotoluene	12.65	91	519124	46.636	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	635401	47.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75944	42.281	ug/l	96
82) 4-Chlorotoluene	12.75	91	554460	47.143	ug/l	100
83) tert-Butylbenzene	12.97	119	507647	46.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	638143	47.521	ug/l	99
85) sec-Butylbenzene	13.15	105	682085	46.440	ug/l	100
86) p-Isopropyltoluene	13.26	119	613780	47.379	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	319085	48.003	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	324585	48.029	ug/l	99
89) n-Butylbenzene	13.59	91	565291	47.341	ug/l	98
90) Hexachloroethane	13.85	117	111585	45.235	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	316302	48.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48690	41.420	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063619.D
Acq On : 24 Sep 2020 11:13
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
9/28/2020 5:15:59 PM

Quant Time: Sep 24 16:53:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170302	44.265	ug/l	97
94) Hexachlorobutadiene	14.98	225	82529	51.815	ug/l	99
95) Naphthalene	15.10	128	535078	42.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164233	44.180	ug/l	97

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

