

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063553.D
 Acq On : 22 Sep 2020 23:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:35 PM

Quant Time: Sep 23 06:09:24 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	248403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	432614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216299	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.55	113	153637	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.06	98	578055	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.38	95	224697	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	134800	47.900	ug/l	99
3) Chloromethane	2.04	50	160342	43.069	ug/l	99
4) Vinyl Chloride	2.16	62	164100	49.752	ug/l	100
5) Bromomethane	2.53	94	102514	52.346	ug/l	94
6) Chloroethane	2.67	64	100737	49.754	ug/l	97
7) Trichlorofluoromethane	2.99	101	265855	54.023	ug/l	99
8) Diethyl Ether	3.38	74	94137	49.070	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138447	50.025	ug/l	98
10) Methyl Iodide	3.91	142	178359	49.500	ug/l	99
11) Tert butyl alcohol	4.73	59	119614	204.191	ug/l	98
12) 1,1-Dichloroethene	3.70	96	137263	48.967	ug/l	99
13) Acrolein	3.57	56	55561	255.939	ug/l	96
14) Allyl chloride	4.28	41	253331	45.688	ug/l	98
15) Acrylonitrile	4.93	53	365679	245.412	ug/l	99
16) Acetone	3.77	43	327749	241.176	ug/l	98
17) Carbon Disulfide	4.01	76	362675	44.479	ug/l	99
18) Methyl Acetate	4.28	43	174467	50.572	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	504029	48.243	ug/l	98
20) Methylene Chloride	4.51	84	164534	47.787	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148600	47.847	ug/l	95
22) Diisopropyl ether	5.90	45	549605	48.601	ug/l	98
23) Vinyl Acetate	5.84	43	2296481	247.271	ug/l	99
24) 1,1-Dichloroethane	5.80	63	299474	48.506	ug/l	100
25) 2-Butanone	6.78	43	499529	239.003	ug/l	100
26) 2,2-Dichloropropane	6.78	77	224135	41.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177949	50.622	ug/l	97
28) Bromochloromethane	7.15	49	142524	49.997	ug/l	96
29) Tetrahydrofuran	7.16	42	336579	235.789	ug/l	100
30) Chloroform	7.33	83	319364	51.558	ug/l	98
31) Cyclohexane	7.62	56	249085	42.652	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	278922	50.627	ug/l	100
36) 1,1-Dichloropropene	7.75	75	225063	48.832	ug/l	100
37) Ethyl Acetate	6.88	43	218541	48.313	ug/l	98
38) Carbon Tetrachloride	7.73	117	237207	50.418	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063553.D
 Acq On : 22 Sep 2020 23:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:35 PM

Quant Time: Sep 23 06:09:24 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	225752	45.131	ug/l	98
40) Benzene	8.00	78	659576	50.133	ug/l	99
41) Methacrylonitrile	7.13	41	108186	53.177	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	270626	51.149	ug/l	99
43) Isopropyl Acetate	8.13	43	382584	47.301	ug/l #	89
44) Trichloroethene	8.80	130	162183	50.824	ug/l	97
45) 1,2-Dichloropropane	9.09	63	178667	49.861	ug/l	94
46) Dibromomethane	9.17	93	120607	51.210	ug/l	99
47) Bromodichloromethane	9.37	83	253383	51.787	ug/l	100
48) Methyl methacrylate	9.16	41	192490	48.439	ug/l	97
49) 1,4-Dioxane	9.17	88	50958	893.572	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1144167	252.679	ug/l	99
52) Toluene	10.13	92	416501	52.653	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	264419	48.409	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	282106	48.964	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	164123	52.235	ug/l	97
56) Ethyl methacrylate	10.40	69	245359	50.022	ug/l	97
57) 1,3-Dichloropropane	10.68	76	284471	50.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	597607	232.254	ug/l	97
59) 2-Hexanone	10.72	43	829467	252.847	ug/l	100
60) Dibromochloromethane	10.87	129	184118	51.870	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168506	51.621	ug/l	98
64) Tetrachloroethene	10.60	164	147592	53.434	ug/l	99
65) Chlorobenzene	11.41	112	431695	50.134	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	165629	52.474	ug/l	99
67) Ethyl Benzene	11.49	91	818528	50.478	ug/l	100
68) m/p-Xylenes	11.60	106	594984	101.767	ug/l	99
69) o-Xylene	11.92	106	281935	50.622	ug/l	99
70) Styrene	11.94	104	498211	53.342	ug/l	98
71) Bromoform	12.10	173	120273	51.149	ug/l #	100
73) Isopropylbenzene	12.23	105	774933	50.378	ug/l	100
74) N-amyl acetate	12.05	43	349457	47.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	236747	49.706	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	234289m	49.311	ug/l	
77) Bromobenzene	12.50	156	180088	52.046	ug/l	96
78) n-propylbenzene	12.57	91	904513	50.485	ug/l	100
79) 2-Chlorotoluene	12.65	91	548691	51.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	659043	51.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	75867	43.778	ug/l	95
82) 4-Chlorotoluene	12.75	91	572534	50.454	ug/l	100
83) tert-Butylbenzene	12.97	119	532294	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	661628	51.066	ug/l	100
85) sec-Butylbenzene	13.15	105	707039	49.894	ug/l	100
86) p-Isopropyltoluene	13.26	119	628677	50.298	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330822	51.583	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	331069	50.774	ug/l	100
89) n-Butylbenzene	13.59	91	560963	48.691	ug/l	99
90) Hexachloroethane	13.85	117	111928	47.029	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	324267	51.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52522	46.309	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063553.D
Acq On : 22 Sep 2020 23:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:06:35 PM

Quant Time: Sep 23 06:09:24 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	177552	47.832	ug/l	100
94) Hexachlorobutadiene	14.98	225	80597	52.447	ug/l	98
95) Naphthalene	15.10	128	585622	47.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	173707	48.432	ug/l	98

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

