

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060662.D
 Acq On : 24 Mar 2020 10:43
 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
 3/25/2020 10:20:12 PM

Quant Time: Mar 25 04:13:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	350491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139626	46.51	ug/l	0.00
Spiked Amount						
			Recovery	=	93.02%	
35) Dibromofluoromethane	7.56	113	104065	49.10	ug/l	0.00
Spiked Amount						
			Recovery	=	98.20%	
50) Toluene-d8	10.08	98	427697	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.39	95	156926	49.46	ug/l	0.00
Spiked Amount						
			Recovery	=	98.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102176	48.292	ug/l	100
3) Chloromethane	2.04	50	174560	44.174	ug/l	99
4) Vinyl Chloride	2.16	62	140999	45.619	ug/l	99
5) Bromomethane	2.54	94	64077	48.025	ug/l	100
6) Chloroethane	2.68	64	83613	46.962	ug/l	99
7) Trichlorofluoromethane	3.00	101	181303	47.619	ug/l	98
8) Diethyl Ether	3.38	74	73040	47.754	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	108723	49.281	ug/l	99
10) Methyl Iodide	3.92	142	93368	47.561	ug/l	99
11) Tert butyl alcohol	4.72	59	93438	211.652	ug/l	100
12) 1,1-Dichloroethene	3.71	96	109743	46.354	ug/l	98
13) Acrolein	3.57	56	155244	317.291	ug/l	100
14) Allyl chloride	4.29	41	196445	47.178	ug/l	99
15) Acrylonitrile	4.94	53	297595	229.240	ug/l	100
16) Acetone	3.77	43	366652	344.825	ug/l	99
17) Carbon Disulfide	4.03	76	338438	47.004	ug/l	100
18) Methyl Acetate	4.28	43	138736	46.355	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	373308	45.863	ug/l	99
20) Methylene Chloride	4.52	84	123603	47.255	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	119417	47.327	ug/l	96
22) Diisopropyl ether	5.91	45	425590	48.379	ug/l	95
23) Vinyl Acetate	5.85	43	1735466	241.788	ug/l	100
24) 1,1-Dichloroethane	5.81	63	231075	48.184	ug/l	99
25) 2-Butanone	6.79	43	459802	267.233	ug/l	99
26) 2,2-Dichloropropane	6.79	77	198606	52.636	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	136676	47.667	ug/l	99
28) Bromochloromethane	7.16	49	125088	54.517	ug/l	99
29) Tetrahydrofuran	7.18	42	267912	220.070	ug/l	99
30) Chloroform	7.34	83	217839	47.383	ug/l	100
31) Cyclohexane	7.63	56	219070	45.312	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	188825	47.643	ug/l	99
36) 1,1-Dichloropropene	7.77	75	172983	50.970	ug/l	99
37) Ethyl Acetate	6.89	43	170530	46.503	ug/l	98
38) Carbon Tetrachloride	7.75	117	154850	50.908	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060662.D
 Acq On : 24 Mar 2020 10:43
 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
 3/25/2020 10:20:12 PM

Quant Time: Mar 25 04:13:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	209214	51.874	ug/l	99
40) Benzene	8.02	78	513388	50.110	ug/l	100
41) Methacrylonitrile	7.14	41	72678m	46.439	ug/l	
42) 1,2-Dichloroethane	8.10	62	176814	50.499	ug/l	99
43) Isopropyl Acetate	8.14	43	289838	47.925	ug/l	100
44) Trichloroethene	8.81	130	133222	51.583	ug/l	98
45) 1,2-Dichloropropane	9.10	63	138797	51.342	ug/l	97
46) Dibromomethane	9.19	93	82684	50.591	ug/l	100
47) Bromodichloromethane	9.38	83	171036	50.361	ug/l	100
48) Methyl methacrylate	9.18	41	130184	48.348	ug/l	100
49) 1,4-Dioxane	9.18	88	31168	973.840	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	837555	243.372	ug/l	99
52) Toluene	10.14	92	312485	50.504	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	202857	52.000	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	217600	50.844	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	117955	49.553	ug/l	99
56) Ethyl methacrylate	10.42	69	185635	50.015	ug/l	99
57) 1,3-Dichloropropane	10.69	76	207203	50.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	417226	226.177	ug/l	100
59) 2-Hexanone	10.74	43	660428	266.402	ug/l	99
60) Dibromochloromethane	10.89	129	125499	51.041	ug/l	100
61) 1,2-Dibromoethane	10.99	107	119875	50.082	ug/l	99
64) Tetrachloroethene	10.62	164	131242	51.178	ug/l	100
65) Chlorobenzene	11.42	112	322520	49.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	117292	50.145	ug/l	97
67) Ethyl Benzene	11.50	91	606219	50.459	ug/l	99
68) m/p-Xylenes	11.61	106	452796	101.423	ug/l	100
69) o-Xylene	11.94	106	215262	50.509	ug/l	100
70) Styrene	11.96	104	355406	50.989	ug/l	100
71) Bromoform	12.12	173	88949	45.897	ug/l #	99
73) Isopropylbenzene	12.24	105	575241	49.120	ug/l	99
74) N-amyl acetate	12.06	43	256325	47.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165968	46.864	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	159495m	47.367	ug/l	
77) Bromobenzene	12.52	156	136202	48.266	ug/l	98
78) n-propylbenzene	12.58	91	694056	50.164	ug/l	99
79) 2-Chlorotoluene	12.67	91	398130	48.160	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	489415	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62601	47.748	ug/l	99
82) 4-Chlorotoluene	12.77	91	417655	49.605	ug/l	100
83) tert-Butylbenzene	12.99	119	408026	49.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	487228	49.556	ug/l	99
85) sec-Butylbenzene	13.17	105	554697	50.071	ug/l	100
86) p-Isopropyltoluene	13.28	119	503190	50.512	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	249712	50.173	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	248926	49.782	ug/l	99
89) n-Butylbenzene	13.61	91	468986	52.144	ug/l	100
90) Hexachloroethane	13.87	117	68401	47.237	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	236489	49.693	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32854	44.261	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
Data File : VN060662.D
Acq On : 24 Mar 2020 10:43
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
3/25/2020 10:20:12 PM

Quant Time: Mar 25 04:13:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	152829	52.294	ug/l	99
94) Hexachlorobutadiene	15.00	225	73529	51.323	ug/l	98
95) Naphthalene	15.13	128	434860	49.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142213	49.404	ug/l	99

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

