

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063744.D
 Acq On : 30 Sep 2020 12:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:24 PM

Quant Time: Oct 01 02:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	292228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209331	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
35) Dibromofluoromethane	7.55	113	143358	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	10.06	98	547307	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
62) 4-Bromofluorobenzene	12.38	95	211215	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	142089	46.080	ug/l	100
3) Chloromethane	2.04	50	157869	43.634	ug/l	99
4) Vinyl Chloride	2.16	62	162464	44.734	ug/l	98
5) Bromomethane	2.52	94	105642	46.245	ug/l	99
6) Chloroethane	2.67	64	101057	46.566	ug/l	97
7) Trichlorofluoromethane	2.98	101	269641	46.813	ug/l	99
8) Diethyl Ether	3.37	74	92771	47.624	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	145713	47.331	ug/l	98
10) Methyl Iodide	3.91	142	171609	48.008	ug/l	100
11) Tert butyl alcohol	4.73	59	139391	261.519	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134112	45.575	ug/l	98
13) Acrolein	3.56	56	78635	240.379	ug/l	96
14) Allyl chloride	4.27	41	261144	47.768	ug/l	98
15) Acrylonitrile	4.93	53	367296	240.740	ug/l	100
16) Acetone	3.77	43	359454	241.868	ug/l	100
17) Carbon Disulfide	4.01	76	377914	47.550	ug/l	100
18) Methyl Acetate	4.28	43	180107	46.676	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	512738	47.960	ug/l	99
20) Methylene Chloride	4.50	84	162537	47.753	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	153694	46.629	ug/l	99
22) Diisopropyl ether	5.90	45	547440	48.671	ug/l	98
23) Vinyl Acetate	5.84	43	2325375	249.577	ug/l	100
24) 1,1-Dichloroethane	5.80	63	299443	46.561	ug/l	99
25) 2-Butanone	6.78	43	529484	251.297	ug/l	100
26) 2,2-Dichloropropane	6.77	77	281212	47.748	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178922	47.199	ug/l	97
28) Bromochloromethane	7.15	49	148634	46.761	ug/l	99
29) Tetrahydrofuran	7.16	42	346770	245.388	ug/l	99
30) Chloroform	7.33	83	320183	47.748	ug/l	97
31) Cyclohexane	7.61	56	255355	45.560	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	293602	48.542	ug/l	99
36) 1,1-Dichloropropene	7.75	75	235281	49.691	ug/l	99
37) Ethyl Acetate	6.88	43	222525	47.303	ug/l	99
38) Carbon Tetrachloride	7.73	117	257344	48.469	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063744.D
 Acq On : 30 Sep 2020 12:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:24 PM

Quant Time: Oct 01 02:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245699	52.035	ug/l	98
40) Benzene	8.00	78	661828	48.937	ug/l	99
41) Methacrylonitrile	7.12	41	94935m	45.407	ug/l	
42) 1,2-Dichloroethane	8.08	62	281762	48.807	ug/l	100
43) Isopropyl Acetate	8.13	43	391112	50.405	ug/l	99
44) Trichloroethene	8.80	130	172605	48.710	ug/l	95
45) 1,2-Dichloropropane	9.08	63	178683	48.922	ug/l	99
46) Dibromomethane	9.17	93	122394	48.576	ug/l	99
47) Bromodichloromethane	9.37	83	265587	51.145	ug/l	99
48) Methyl methacrylate	9.16	41	197001	51.388	ug/l	97
49) 1,4-Dioxane	9.16	88	57234	1050.467	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1170463	257.043	ug/l	100
52) Toluene	10.13	92	420667	50.288	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	285898	51.361	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	296235	50.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	167827	50.027	ug/l	98
56) Ethyl methacrylate	10.40	69	252881	53.180	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287641	50.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669573	263.239	ug/l	100
59) 2-Hexanone	10.72	43	883056	261.053	ug/l	99
60) Dibromochloromethane	10.87	129	194901	49.887	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174700	50.909	ug/l	99
64) Tetrachloroethene	10.60	164	155913	44.878	ug/l	99
65) Chlorobenzene	11.41	112	446188	48.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	173592	49.157	ug/l	99
67) Ethyl Benzene	11.49	91	843973	50.353	ug/l	99
68) m/p-Xylenes	11.59	106	626835	100.344	ug/l	98
69) o-Xylene	11.92	106	299098	51.226	ug/l	100
70) Styrene	11.94	104	513900	51.851	ug/l	99
71) Bromoform	12.10	173	132667	49.121	ug/l #	98
73) Isopropylbenzene	12.23	105	817927	50.320	ug/l	100
74) N-amyl acetate	12.05	43	366157	48.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240777	48.442	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	226442m	46.096	ug/l	
77) Bromobenzene	12.50	156	195721	49.072	ug/l	98
78) n-propylbenzene	12.57	91	954093	50.436	ug/l	100
79) 2-Chlorotoluene	12.65	91	567726	48.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	699886	51.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87979	51.582	ug/l	98
82) 4-Chlorotoluene	12.75	91	604926	50.087	ug/l	99
83) tert-Butylbenzene	12.97	119	561527	50.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	715722	52.569	ug/l	99
85) sec-Butylbenzene	13.15	105	754584	51.505	ug/l	100
86) p-Isopropyltoluene	13.26	119	678308	52.335	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	355907	49.325	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362255	48.218	ug/l	100
89) n-Butylbenzene	13.59	91	615076	51.418	ug/l	100
90) Hexachloroethane	13.85	117	126913	50.533	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348452	48.756	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55259	47.406	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063744.D
Acq On : 30 Sep 2020 12:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:40:24 PM

Quant Time: Oct 01 02:23:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192099	49.451	ug/l	98
94) Hexachlorobutadiene	14.98	225	100690	51.959	ug/l	99
95) Naphthalene	15.10	128	572894	47.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	182918	48.576	ug/l	99

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

