

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062365.D
 Acq On : 6 Jul 2020 13:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:31 AM

Quant Time: Jul 07 04:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1078695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1832948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1733097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	852365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	980983	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
35) Dibromofluoromethane	7.55	113	649298	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.06	98	2493628	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.37	95	936164	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	600784	48.869	ug/l	100
3) Chloromethane	2.04	50	851070	51.666	ug/l	100
4) Vinyl Chloride	2.16	62	734662	39.298	ug/l	100
5) Bromomethane	2.52	94	397303	33.939	ug/l	100
6) Chloroethane	2.66	64	427372	34.236	ug/l	100
7) Trichlorofluoromethane	2.98	101	1050789	44.049	ug/l	100
8) Diethyl Ether	3.37	74	393355	47.369	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	560323	45.324	ug/l	100
10) Methyl Iodide	3.91	142	725898	51.450	ug/l	100
11) Tert butyl alcohol	4.73	59	698812	301.298	ug/l	100
12) 1,1-Dichloroethene	3.70	96	535858	43.675	ug/l	100
13) Acrolein	3.57	56	292941	150.467	ug/l	100
14) Allyl chloride	4.27	41	1350756	72.401	ug/l	100
15) Acrylonitrile	4.93	53	1845466	297.524	ug/l	100
16) Acetone	3.77	43	2113283	350.366	ug/l	100
17) Carbon Disulfide	4.01	76	1625744	41.493	ug/l	100
18) Methyl Acetate	4.28	43	914417	68.781	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	2148209	53.166	ug/l	100
20) Methylene Chloride	4.50	84	665387	43.725	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	589972	42.404	ug/l	100
22) Diisopropyl ether	5.90	45	2753817	66.223	ug/l	100
23) Vinyl Acetate	5.84	43	11433926	337.811	ug/l	100
24) 1,1-Dichloroethane	5.80	63	1326122	52.293	ug/l	100
25) 2-Butanone	6.79	43	2919483	358.085	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1079052	51.476	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	691084	43.925	ug/l	100
28) Bromochloromethane	7.15	49	777126	66.609	ug/l	100
29) Tetrahydrofuran	7.17	42	1908161	358.251	ug/l	100
30) Chloroform	7.33	83	1263880	49.605	ug/l	100
31) Cyclohexane	7.61	56	1181497	54.258	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	1074392	50.025	ug/l	100
36) 1,1-Dichloropropene	7.75	75	938028	50.219	ug/l	100
37) Ethyl Acetate	6.88	43	1205406	71.674	ug/l	100
38) Carbon Tetrachloride	7.73	117	948671	53.271	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062365.D
 Acq On : 6 Jul 2020 13:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:31 AM

Quant Time: Jul 07 04:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1019373	50.078	ug/l	100
40) Benzene	8.00	78	2726858	48.344	ug/l	100
41) Methacrylonitrile	7.14	41	590848m	77.429	ug/l	
42) 1,2-Dichloroethane	8.09	62	1180127	59.297	ug/l	100
43) Isopropyl Acetate	8.12	43	1980765	72.085	ug/l	100
44) Trichloroethene	8.80	130	629698	44.698	ug/l	100
45) 1,2-Dichloropropane	9.09	63	792209	55.378	ug/l	100
46) Dibromomethane	9.18	93	486013	51.045	ug/l	100
47) Bromodichloromethane	9.37	83	1048926	54.105	ug/l	100
48) Methyl methacrylate	9.17	41	992461	78.611	ug/l	100
49) 1,4-Dioxane	9.17	88	266453	1071.679	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	5745550	361.046	ug/l	100
52) Toluene	10.12	92	1674486	49.027	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1185585	55.415	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1224789	54.138	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	649307	48.375	ug/l	100
56) Ethyl methacrylate	10.40	69	1118751	60.204	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1214461	51.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2088393	299.038	ug/l	100
59) 2-Hexanone	10.72	43	4408449	379.565	ug/l	100
60) Dibromochloromethane	10.87	129	750963	52.026	ug/l	100
61) 1,2-Dibromoethane	10.98	107	668154	48.354	ug/l	100
64) Tetrachloroethene	10.60	164	521799	44.391	ug/l	100
65) Chlorobenzene	11.41	112	1740467	45.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	659616	49.829	ug/l	100
67) Ethyl Benzene	11.48	91	3284327	50.873	ug/l	100
68) m/p-Xylenes	11.60	106	2407176	97.400	ug/l	100
69) o-Xylene	11.92	106	1140439	48.934	ug/l	100
70) Styrene	11.94	104	1970045	50.580	ug/l	100
71) Bromoform	12.10	173	525474	55.023	ug/l	100
73) Isopropylbenzene	12.22	105	3122467	47.449	ug/l	100
74) N-amyl acetate	12.04	43	1788949	75.037	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1038683	47.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1012633m	50.382	ug/l	
77) Bromobenzene	12.50	156	717856	44.205	ug/l	100
78) n-propylbenzene	12.56	91	3701592	49.021	ug/l	100
79) 2-Chlorotoluene	12.65	91	2235828	48.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2681526	49.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	353986	50.934	ug/l	100
82) 4-Chlorotoluene	12.75	91	2326141	49.027	ug/l	100
83) tert-Butylbenzene	12.97	119	2180723	47.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	2643677	49.467	ug/l	100
85) sec-Butylbenzene	13.15	105	2988288	49.294	ug/l	100
86) p-Isopropyltoluene	13.26	119	2644872	49.910	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1319957	46.145	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1329579	45.035	ug/l	100
89) n-Butylbenzene	13.59	91	2316883	52.204	ug/l	100
90) Hexachloroethane	13.85	117	531609	50.403	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1278822	46.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	216498	59.240	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
Data File : VN062365.D
Acq On : 6 Jul 2020 13:38
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/7/2020 10:08:31 AM

Quant Time: Jul 07 04:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 07 04:35:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	632216	51.584	ug/l	100
94) Hexachlorobutadiene	14.98	225	346335	61.513	ug/l	100
95) Naphthalene	15.10	128	1716149	48.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	637884	51.031	ug/l	100

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

