

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063153.D
 Acq On : 31 Aug 2020 15:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN083120

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:35 AM

Quant Time: Sep 01 04:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	448434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	847619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	788219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	366769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	347135	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.55	113	260005	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.06	98	1033670	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	373985	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	203430	46.063	ug/l	96
3) Chloromethane	2.03	50	293732	45.676	ug/l	97
4) Vinyl Chloride	2.17	62	336468	47.366	ug/l	98
5) Bromomethane	2.54	94	302692	50.621	ug/l	98
6) Chloroethane	2.68	64	275707	48.814	ug/l	98
7) Trichlorofluoromethane	2.98	101	495411	50.598	ug/l	100
8) Diethyl Ether	3.38	74	165283	48.629	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	234022	48.468	ug/l	100
10) Methyl Iodide	3.91	142	307682	46.722	ug/l	100
11) Tert butyl alcohol	4.73	59	231818	257.625	ug/l	99
12) 1,1-Dichloroethene	3.70	96	232342	47.224	ug/l	99
13) Acrolein	3.57	56	69584	206.075	ug/l	97
14) Allyl chloride	4.28	41	446875	51.142	ug/l	98
15) Acrylonitrile	4.93	53	607712	241.191	ug/l	99
16) Acetone	3.78	43	507522	243.547	ug/l	100
17) Carbon Disulfide	4.01	76	699757	47.784	ug/l	98
18) Methyl Acetate	4.28	43	268507	50.253	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	890744	48.803	ug/l	98
20) Methylene Chloride	4.51	84	283737	48.407	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	269285	49.540	ug/l	96
22) Diisopropyl ether	5.90	45	963231	49.192	ug/l	94
23) Vinyl Acetate	5.84	43	4099470	262.382	ug/l	99
24) 1,1-Dichloroethane	5.80	63	521991	48.356	ug/l	98
25) 2-Butanone	6.78	43	856202	265.351	ug/l	98
26) 2,2-Dichloropropane	6.78	77	488060	49.903	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	315248	47.714	ug/l	99
28) Bromochloromethane	7.15	49	257769	45.707	ug/l	99
29) Tetrahydrofuran	7.16	42	573100	256.869	ug/l	100
30) Chloroform	7.33	83	543606	48.134	ug/l	99
31) Cyclohexane	7.61	56	462475	48.567	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	478790	49.198	ug/l	99
36) 1,1-Dichloropropene	7.75	75	413386	50.731	ug/l	99
37) Ethyl Acetate	6.88	43	381829	49.627	ug/l #	96
38) Carbon Tetrachloride	7.73	117	408580	49.442	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	459913	50.240	ug/l	97
40) Benzene	8.00	78	1191538	49.760	ug/l	99
41) Methacrylonitrile	7.13	41	180180	52.488	ug/l	94
42) 1,2-Dichloroethane	8.08	62	455835	50.961	ug/l	99
43) Isopropyl Acetate	8.13	43	692366	52.100	ug/l	100
44) Trichloroethene	8.80	130	294319	50.673	ug/l	100
45) 1,2-Dichloropropane	9.09	63	313600	49.464	ug/l	100
46) Dibromomethane	9.17	93	213165	50.736	ug/l	99
47) Bromodichloromethane	9.37	83	448859	49.841	ug/l	98
48) Methyl methacrylate	9.16	41	315972	52.743	ug/l	97
49) 1,4-Dioxane	9.17	88	94390	1018.676	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1950307	270.073	ug/l	99
52) Toluene	10.13	92	763533	51.187	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	514242	52.202	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	540690	52.289	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	288369	50.479	ug/l	97
56) Ethyl methacrylate	10.40	69	458903	52.785	ug/l	100
57) 1,3-Dichloropropane	10.68	76	516496	50.752	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1182839	262.740	ug/l	100
59) 2-Hexanone	10.72	43	1442408	284.213	ug/l	99
60) Dibromochloromethane	10.87	129	328064	51.944	ug/l	99
61) 1,2-Dibromoethane	10.98	107	309307	52.085	ug/l	99
64) Tetrachloroethene	10.60	164	256396	45.298	ug/l	99
65) Chlorobenzene	11.41	112	802503	50.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	295627	50.155	ug/l	98
67) Ethyl Benzene	11.49	91	1494213	51.593	ug/l	98
68) m/p-Xylenes	11.60	106	1103467	102.873	ug/l	99
69) o-Xylene	11.92	106	529533	51.102	ug/l	97
70) Styrene	11.94	104	926338	52.016	ug/l	100
71) Bromoform	12.10	173	211173	52.792	ug/l #	98
73) Isopropylbenzene	12.23	105	1442472	51.277	ug/l	100
74) N-amyl acetate	12.05	43	613211	52.626	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	416991	51.416	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	360815m	50.070	ug/l	
77) Bromobenzene	12.50	156	318126	50.004	ug/l	99
78) n-propylbenzene	12.57	91	1697350	52.143	ug/l	100
79) 2-Chlorotoluene	12.65	91	987706	50.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1215635	51.917	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	155012	51.991	ug/l	97
82) 4-Chlorotoluene	12.75	91	1043845	51.623	ug/l	100
83) tert-Butylbenzene	12.97	119	1010781	50.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1236226	52.379	ug/l	98
85) sec-Butylbenzene	13.15	105	1374619	52.523	ug/l	99
86) p-Isopropyltoluene	13.27	119	1252255	53.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	605392	51.799	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	606282	50.098	ug/l	100
89) n-Butylbenzene	13.59	91	1140986	53.153	ug/l	99
90) Hexachloroethane	13.85	117	227256	52.835	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	585207	51.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88115	49.418	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	328411	51.829	ug/l	99
94) Hexachlorobutadiene	14.98	225	117392	49.593	ug/l	98
95) Naphthalene	15.11	128	1133719	53.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	311983	50.537	ug/l	99

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

