

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060775.D
 Acq On : 30 Mar 2020 16:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 08:57:42 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	196762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135643	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.56	113	101152	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.08	98	404310	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	150287	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87783	46.108	ug/l	100
3) Chloromethane	2.04	50	158002	44.436	ug/l	99
4) Vinyl Chloride	2.17	62	122185	43.933	ug/l	98
5) Bromomethane	2.54	94	58303	48.562	ug/l	96
6) Chloroethane	2.68	64	77907	48.629	ug/l	97
7) Trichlorofluoromethane	3.00	101	163644	47.765	ug/l	100
8) Diethyl Ether	3.38	74	69661	50.615	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96767	48.745	ug/l	100
10) Methyl Iodide	3.93	142	80340	45.481	ug/l	100
11) Tert butyl alcohol	4.72	59	106672	268.529	ug/l	100
12) 1,1-Dichloroethene	3.72	96	100678	47.260	ug/l	99
13) Acrolein	3.57	56	132883	301.825	ug/l	99
14) Allyl chloride	4.29	41	182898	48.815	ug/l	97
15) Acrylonitrile	4.94	53	310010	265.388	ug/l	99
16) Acetone	3.78	43	246282	257.406	ug/l	98
17) Carbon Disulfide	4.03	76	289978	44.757	ug/l	100
18) Methyl Acetate	4.28	43	146671	54.462	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	358202	48.906	ug/l	98
20) Methylene Chloride	4.52	84	114168	48.507	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	106910	47.087	ug/l	96
22) Diisopropyl ether	5.91	45	403521	50.977	ug/l	98
23) Vinyl Acetate	5.86	43	1695066	262.451	ug/l	99
24) 1,1-Dichloroethane	5.82	63	215925	50.037	ug/l	100
25) 2-Butanone	6.80	43	412948	266.721	ug/l	99
26) 2,2-Dichloropropane	6.79	77	177144	52.175	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	126191	48.909	ug/l	99
28) Bromochloromethane	7.17	49	108210	52.412	ug/l	100
29) Tetrahydrofuran	7.18	42	282180	257.595	ug/l	99
30) Chloroform	7.35	83	204598	49.457	ug/l	100
31) Cyclohexane	7.63	56	199468	45.850	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	175956	49.339	ug/l	99
36) 1,1-Dichloropropene	7.77	75	156916	48.968	ug/l	100
37) Ethyl Acetate	6.89	43	174522	50.404	ug/l	99
38) Carbon Tetrachloride	7.75	117	141497	49.268	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	186906	49.081	ug/l	98
40) Benzene	8.02	78	472693	48.865	ug/l	100
41) Methacrylonitrile	7.15	41	81357m	55.057	ug/l	
42) 1,2-Dichloroethane	8.10	62	163659	49.505	ug/l	99
43) Isopropyl Acetate	8.14	43	293666	51.428	ug/l	99
44) Trichloroethene	8.82	130	118380	48.545	ug/l	99
45) 1,2-Dichloropropane	9.10	63	129788	50.847	ug/l	98
46) Dibromomethane	9.19	93	77598	50.286	ug/l	100
47) Bromodichloromethane	9.39	83	162882	50.795	ug/l	97
48) Methyl methacrylate	9.18	41	130959	51.510	ug/l	99
49) 1,4-Dioxane	9.18	88	34849	1153.210	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	867651	267.019	ug/l	99
52) Toluene	10.14	92	286845	49.100	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	189673	51.494	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201713	49.918	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	112569	50.086	ug/l	99
56) Ethyl methacrylate	10.42	69	182627	52.113	ug/l	99
57) 1,3-Dichloropropane	10.70	76	197443	50.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	431722	247.868	ug/l	99
59) 2-Hexanone	10.74	43	629051	268.744	ug/l	100
60) Dibromochloromethane	10.89	129	119735	51.575	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114859	50.822	ug/l	99
64) Tetrachloroethene	10.62	164	109170	45.342	ug/l	99
65) Chlorobenzene	11.43	112	293772	48.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	108703	49.498	ug/l	98
67) Ethyl Benzene	11.50	91	551616	48.903	ug/l	99
68) m/p-Xylenes	11.62	106	406169	96.900	ug/l	98
69) o-Xylene	11.94	106	195371	48.826	ug/l	99
70) Styrene	11.96	104	326614	49.908	ug/l	100
71) Bromoform	12.12	173	85761	47.087	ug/l #	99
73) Isopropylbenzene	12.25	105	527691	46.438	ug/l	100
74) N-amyl acetate	12.06	43	252213	48.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	168977	49.174	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	151089m	46.243	ug/l	
77) Bromobenzene	12.52	156	126219	46.097	ug/l	100
78) n-propylbenzene	12.59	91	628957	46.850	ug/l	99
79) 2-Chlorotoluene	12.67	91	366201	45.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	447747	46.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	61080	48.013	ug/l	99
82) 4-Chlorotoluene	12.77	91	382603	46.832	ug/l	98
83) tert-Butylbenzene	12.99	119	377076	47.171	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	451731	47.351	ug/l	100
85) sec-Butylbenzene	13.17	105	515858	47.989	ug/l	100
86) p-Isopropyltoluene	13.28	119	462655	47.863	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	226234	46.846	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	226130	46.606	ug/l	100
89) n-Butylbenzene	13.61	91	430065	49.279	ug/l	100
90) Hexachloroethane	13.87	117	71353	50.783	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	220890	47.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34943	48.541	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	139673	49.255	ug/l	100
94) Hexachlorobutadiene	15.01	225	68495	49.272	ug/l	100
95) Naphthalene	15.13	128	408302	47.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135130	48.379	ug/l	99

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

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