

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060779.D
 Acq On : 31 Mar 2020 12:30
 Operator : JC/MD
 Sample : VN0331WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Quant Time: Apr 01 08:46:55 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	198904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	326605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137094	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	127496	46.69	ug/l	0.00
Spiked Amount						
			Recovery	=	93.38%	
35) Dibromofluoromethane	7.56	113	95510	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	
50) Toluene-d8	10.08	98	383597	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.40	95	139239	47.10	ug/l	0.00
Spiked Amount						
			Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34719	18.040	ug/l	99
3) Chloromethane	2.04	50	59532	16.562	ug/l	99
4) Vinyl Chloride	2.17	62	47753	16.985	ug/l	97
5) Bromomethane	2.55	94	24129	19.881	ug/l	94
6) Chloroethane	2.69	64	29954	18.496	ug/l	100
7) Trichlorofluoromethane	3.00	101	65460	18.901	ug/l	99
8) Diethyl Ether	3.38	74	27158	19.520	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39293	19.580	ug/l	99
10) Methyl Iodide	3.93	142	34641	19.399	ug/l	99
11) Tert butyl alcohol	4.72	59	40294	100.341	ug/l	99
12) 1,1-Dichloroethene	3.71	96	39833	18.497	ug/l	98
13) Acrolein	3.57	56	35994	80.875	ug/l	98
14) Allyl chloride	4.29	41	72351	19.102	ug/l	96
15) Acrylonitrile	4.94	53	112546	95.309	ug/l	99
16) Acetone	3.78	43	102264	105.732	ug/l	98
17) Carbon Disulfide	4.03	76	115260	17.598	ug/l	99
18) Methyl Acetate	4.28	43	53432	19.627	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	140717	19.006	ug/l	98
20) Methylene Chloride	4.52	84	44520	18.712	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	42490	18.513	ug/l	96
22) Diisopropyl ether	5.91	45	158585	19.818	ug/l	99
23) Vinyl Acetate	5.85	43	645021	98.794	ug/l	99
24) 1,1-Dichloroethane	5.81	63	85171	19.525	ug/l	99
25) 2-Butanone	6.79	43	153053	97.792	ug/l	98
26) 2,2-Dichloropropane	6.79	77	72233	21.046	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49866	19.119	ug/l	99
28) Bromochloromethane	7.16	49	39279	18.820	ug/l	99
29) Tetrahydrofuran	7.18	42	103398	93.373	ug/l	99
30) Chloroform	7.34	83	79761	19.073	ug/l	99
31) Cyclohexane	7.63	56	81571	18.548	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	69145	19.180	ug/l	100
36) 1,1-Dichloropropene	7.77	75	60437	19.110	ug/l	98
37) Ethyl Acetate	6.89	43	64051	18.744	ug/l	99
38) Carbon Tetrachloride	7.75	117	53024	18.707	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73973	19.683	ug/l	98
40) Benzene	8.02	78	187310	19.620	ug/l	99
41) Methacrylonitrile	7.15	41	24292m	16.657	ug/l	
42) 1,2-Dichloroethane	8.10	62	63652	19.509	ug/l	100
43) Isopropyl Acetate	8.14	43	108375	19.230	ug/l	99
44) Trichloroethene	8.81	130	46296	19.236	ug/l	95
45) 1,2-Dichloropropane	9.10	63	49797	19.768	ug/l	98
46) Dibromomethane	9.19	93	29577	19.421	ug/l	99
47) Bromodichloromethane	9.38	83	61805	19.529	ug/l	98
48) Methyl methacrylate	9.18	41	46627	18.583	ug/l	99
49) 1,4-Dioxane	9.18	88	14266	478.338	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	312130	97.330	ug/l	99
52) Toluene	10.14	92	111650	19.364	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	72010	19.809	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	78478	19.678	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	42832	19.310	ug/l	99
56) Ethyl methacrylate	10.42	69	65277	18.874	ug/l	98
57) 1,3-Dichloropropane	10.70	76	75331	19.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	153125	89.080	ug/l	99
59) 2-Hexanone	10.74	43	222904	96.491	ug/l	100
60) Dibromochloromethane	10.89	129	43966	19.189	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43018	19.287	ug/l	99
64) Tetrachloroethene	10.62	164	44145	19.117	ug/l	99
65) Chlorobenzene	11.42	112	113437	19.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	41555	19.729	ug/l	98
67) Ethyl Benzene	11.50	91	211989	19.596	ug/l	99
68) m/p-Xylenes	11.61	106	157398	39.153	ug/l	100
69) o-Xylene	11.94	106	75720	19.731	ug/l	99
70) Styrene	11.96	104	118600	18.896	ug/l	99
71) Bromoform	12.12	173	30078	18.285	ug/l #	98
73) Isopropylbenzene	12.24	105	201692	19.604	ug/l	100
74) N-amyl acetate	12.06	43	89585	18.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60062	19.305	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54417m	18.395	ug/l	
77) Bromobenzene	12.52	156	48472	19.552	ug/l	98
78) n-propylbenzene	12.59	91	238359	19.610	ug/l	99
79) 2-Chlorotoluene	12.67	91	141376	19.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	173020	19.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21614	18.765	ug/l	98
82) 4-Chlorotoluene	12.77	91	144674	19.559	ug/l	99
83) tert-Butylbenzene	12.99	119	144158	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	169553	19.630	ug/l	99
85) sec-Butylbenzene	13.17	105	196358	20.175	ug/l	100
86) p-Isopropyltoluene	13.28	119	174083	19.891	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84392	19.301	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84302	19.190	ug/l	99
89) n-Butylbenzene	13.61	91	158921	20.113	ug/l	99
90) Hexachloroethane	13.87	117	26290	20.666	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82870	19.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11964	18.189	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49793	19.394	ug/l	99
94) Hexachlorobutadiene	15.01	225	26269	20.871	ug/l	99
95) Naphthalene	15.13	128	139845	18.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48043	18.997	ug/l	99

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

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