

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060763.D
 Acq On : 30 Mar 2020 12:25
 Operator : JC/MD
 Sample : VN0330WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD01

Quant Time: Mar 31 08:15:26 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	199709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138030	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	133048	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.56	113	97156	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.08	98	385789	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	140322	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34814	18.016	ug/l	97
3) Chloromethane	2.04	50	60938	16.885	ug/l	100
4) Vinyl Chloride	2.17	62	47673	16.888	ug/l	99
5) Bromomethane	2.55	94	24044	19.731	ug/l	95
6) Chloroethane	2.69	64	30189	18.566	ug/l	100
7) Trichlorofluoromethane	3.00	101	63527	18.269	ug/l	100
8) Diethyl Ether	3.38	74	27624	19.775	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38909	19.311	ug/l	99
10) Methyl Iodide	3.93	142	33270	18.556	ug/l	100
11) Tert butyl alcohol	4.72	59	39966	99.123	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	38533	17.821	ug/l	96
13) Acrolein	3.57	56	39974	89.455	ug/l	99
14) Allyl chloride	4.29	41	69583	18.297	ug/l	99
15) Acrylonitrile	4.94	53	117010	98.690	ug/l	99
16) Acetone	3.78	43	100365	103.350	ug/l	97
17) Carbon Disulfide	4.03	76	113271	17.225	ug/l	99
18) Methyl Acetate	4.28	43	55326	20.241	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	142368	19.151	ug/l	97
20) Methylene Chloride	4.52	84	45163	18.905	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	42477	18.433	ug/l	98
22) Diisopropyl ether	5.91	45	160324	19.955	ug/l	99
23) Vinyl Acetate	5.86	43	658643	100.474	ug/l	99
24) 1,1-Dichloroethane	5.81	63	84165	19.216	ug/l	100
25) 2-Butanone	6.79	43	154127	98.081	ug/l	99
26) 2,2-Dichloropropane	6.79	77	70356	20.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49176	18.778	ug/l	98
28) Bromochloromethane	7.17	49	40962	19.547	ug/l	99
29) Tetrahydrofuran	7.18	42	106100	95.427	ug/l	99
30) Chloroform	7.34	83	80621	19.201	ug/l	100
31) Cyclohexane	7.63	56	81043	18.354	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66417	18.349	ug/l	97
36) 1,1-Dichloropropene	7.77	75	59909	18.898	ug/l	98
37) Ethyl Acetate	6.89	43	65453	19.108	ug/l	99
38) Carbon Tetrachloride	7.75	117	52201	18.372	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73642	19.547	ug/l	97
40) Benzene	8.02	78	184624	19.292	ug/l	99
41) Methacrylonitrile	7.14	41	28362m	19.401	ug/l	
42) 1,2-Dichloroethane	8.10	62	64593	19.750	ug/l	99
43) Isopropyl Acetate	8.14	43	110355	19.534	ug/l	99
44) Trichloroethene	8.81	130	46669	19.345	ug/l	98
45) 1,2-Dichloropropane	9.10	63	51261	20.300	ug/l	100
46) Dibromomethane	9.19	93	30606	20.048	ug/l	99
47) Bromodichloromethane	9.38	83	61210	19.295	ug/l	97
48) Methyl methacrylate	9.18	41	47421	18.854	ug/l	100
49) 1,4-Dioxane	9.18	88	13474	450.692	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	321995	100.164	ug/l	99
52) Toluene	10.14	92	111054	19.215	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	73411	20.145	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79094	19.785	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44124	19.844	ug/l	98
56) Ethyl methacrylate	10.42	69	66990	19.322	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76586	19.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	155374	90.170	ug/l	100
59) 2-Hexanone	10.74	43	231520	99.978	ug/l	98
60) Dibromochloromethane	10.89	129	44453	19.354	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43725	19.556	ug/l	98
64) Tetrachloroethene	10.62	164	44410	19.057	ug/l	99
65) Chlorobenzene	11.43	112	114094	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41614	19.577	ug/l	99
67) Ethyl Benzene	11.50	91	213276	19.535	ug/l	100
68) m/p-Xylenes	11.61	106	155931	38.434	ug/l	99
69) o-Xylene	11.94	106	74717	19.292	ug/l	99
70) Styrene	11.96	104	118745	18.747	ug/l	100
71) Bromoform	12.12	173	30935	18.602	ug/l #	100
73) Isopropylbenzene	12.24	105	199749	19.283	ug/l	99
74) N-amyl acetate	12.06	43	92909	19.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61786	19.724	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	53186m	17.857	ug/l	
77) Bromobenzene	12.52	156	47956	19.213	ug/l	100
78) n-propylbenzene	12.59	91	236333	19.311	ug/l	99
79) 2-Chlorotoluene	12.67	91	138917	18.998	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	168976	19.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22480	19.385	ug/l	98
82) 4-Chlorotoluene	12.77	91	144204	19.363	ug/l	99
83) tert-Butylbenzene	12.99	119	141228	19.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	170996	19.662	ug/l	99
85) sec-Butylbenzene	13.17	105	195257	19.926	ug/l	99
86) p-Isopropyltoluene	13.28	119	173851	19.730	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	85915	19.516	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84770	19.166	ug/l	99
89) n-Butylbenzene	13.61	91	160935	20.229	ug/l	100
90) Hexachloroethane	13.87	117	26032	20.324	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82863	19.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12212	18.443	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.91	180	52029	20.127	ug/l	98
94) Hexachlorobutadiene	15.01	225	27058	21.352	ug/l	98
95) Naphthalene	15.13	128	151056	19.428	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49955	19.620	ug/l	99

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

