

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060780.D
 Acq On : 31 Mar 2020 13:04
 Operator : JC/MD
 Sample : VN0331WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Quant Time: Apr 01 08:48:51 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	194509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	316094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133745	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	127725	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	7.56	113	95238	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	10.08	98	372481	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	135766	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	33467	17.782	ug/l	99
3) Chloromethane	2.04	50	58454	16.630	ug/l	100
4) Vinyl Chloride	2.17	62	45809	16.662	ug/l	98
5) Bromomethane	2.55	94	24393	20.553	ug/l	96
6) Chloroethane	2.69	64	29202	18.439	ug/l	100
7) Trichlorofluoromethane	3.00	101	61583	18.183	ug/l	99
8) Diethyl Ether	3.38	74	26879	19.756	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38203	19.467	ug/l	99
10) Methyl Iodide	3.93	142	33557	19.217	ug/l	99
11) Tert butyl alcohol	4.72	59	40572	103.316	ug/l	99
12) 1,1-Dichloroethene	3.72	96	37759	17.930	ug/l	99
13) Acrolein	3.57	56	37732	86.695	ug/l	100
14) Allyl chloride	4.29	41	70048	18.912	ug/l	97
15) Acrylonitrile	4.94	53	115509	100.028	ug/l	99
16) Acetone	3.78	43	96888	102.437	ug/l	99
17) Carbon Disulfide	4.03	76	111216	17.365	ug/l	100
18) Methyl Acetate	4.28	43	54710	20.550	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	139631	19.285	ug/l	98
20) Methylene Chloride	4.52	84	44469	19.113	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	41373	18.433	ug/l	99
22) Diisopropyl ether	5.91	45	157170	20.085	ug/l	100
23) Vinyl Acetate	5.85	43	650172	101.834	ug/l	100
24) 1,1-Dichloroethane	5.81	63	81633	19.136	ug/l	99
25) 2-Butanone	6.80	43	152391	99.569	ug/l	99
26) 2,2-Dichloropropane	6.79	77	69158	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	48087	18.854	ug/l	96
28) Bromochloromethane	7.17	49	39461	19.334	ug/l	99
29) Tetrahydrofuran	7.17	42	106482	98.331	ug/l	98
30) Chloroform	7.34	83	78259	19.137	ug/l	99
31) Cyclohexane	7.63	56	78348	18.218	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66175	18.771	ug/l	99
36) 1,1-Dichloropropene	7.77	75	59979	19.596	ug/l	99
37) Ethyl Acetate	6.89	43	67451	20.395	ug/l	100
38) Carbon Tetrachloride	7.75	117	52482	19.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72192	19.847	ug/l	98
40) Benzene	8.02	78	182760	19.780	ug/l	99
41) Methacrylonitrile	7.14	41	28607m	20.268	ug/l	
42) 1,2-Dichloroethane	8.10	62	64245	20.346	ug/l	100
43) Isopropyl Acetate	8.14	43	110322	20.227	ug/l	99
44) Trichloroethene	8.81	130	45918	19.714	ug/l	100
45) 1,2-Dichloropropane	9.10	63	50058	20.532	ug/l	99
46) Dibromomethane	9.19	93	29857	20.256	ug/l	99
47) Bromodichloromethane	9.38	83	61327	20.023	ug/l	99
48) Methyl methacrylate	9.18	41	46771	19.260	ug/l	99
49) 1,4-Dioxane	9.18	88	13814	478.585	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	319957	103.088	ug/l	99
52) Toluene	10.14	92	110270	19.761	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	72274	20.542	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	78972	20.461	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43027	20.043	ug/l	99
56) Ethyl methacrylate	10.42	69	66172	19.769	ug/l	99
57) 1,3-Dichloropropane	10.70	76	76153	20.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	155613	93.537	ug/l	99
59) 2-Hexanone	10.74	43	228976	102.415	ug/l	100
60) Dibromochloromethane	10.89	129	44122	19.897	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42912	19.879	ug/l	100
64) Tetrachloroethene	10.62	164	43016	19.085	ug/l	100
65) Chlorobenzene	11.42	112	111669	19.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41964	20.412	ug/l	97
67) Ethyl Benzene	11.50	91	209308	19.822	ug/l	100
68) m/p-Xylenes	11.61	106	152597	38.889	ug/l	98
69) o-Xylene	11.94	106	73478	19.616	ug/l	99
70) Styrene	11.96	104	116875	19.078	ug/l	99
71) Bromoform	12.12	173	30745	19.069	ug/l #	100
73) Isopropylbenzene	12.24	105	199784	19.905	ug/l	99
74) N-amyl acetate	12.06	43	91228	19.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60713	20.002	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	56748m	19.664	ug/l	
77) Bromobenzene	12.52	156	47460	19.623	ug/l	100
78) n-propylbenzene	12.59	91	232343	19.594	ug/l	99
79) 2-Chlorotoluene	12.67	91	137024	19.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	166525	19.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22181	19.740	ug/l	100
82) 4-Chlorotoluene	12.77	91	141246	19.573	ug/l	100
83) tert-Butylbenzene	12.99	119	141271	20.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	167788	19.912	ug/l	100
85) sec-Butylbenzene	13.17	105	193335	20.362	ug/l	99
86) p-Isopropyltoluene	13.28	119	171628	20.102	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	83533	19.583	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83890	19.575	ug/l	98
89) n-Butylbenzene	13.61	91	155098	20.120	ug/l	100
90) Hexachloroethane	13.87	117	25846	20.826	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82416	20.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12597	19.652	ug/l	95

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93) 1,2,4-Trichlorobenzene	14.90	180	49266	19.669	ug/l	99
94) Hexachlorobutadiene	15.01	225	25837	21.042	ug/l	99
95) Naphthalene	15.13	128	144193	19.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47678	19.325	ug/l	98

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

