

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063160.D
 Acq On : 1 Sep 2020 17:17
 Operator : JC/MD
 Sample : VN0901WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

Quant Time: Sep 02 04:35:48 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	423229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	776793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	718265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	321341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	328754	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.55	113	234341	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.06	98	919295	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.38	95	316994	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77144	18.508	ug/l	97
3) Chloromethane	2.04	50	109996	18.123	ug/l	98
4) Vinyl Chloride	2.17	62	125224	18.678	ug/l	98
5) Bromomethane	2.54	94	113767	20.159	ug/l	100
6) Chloroethane	2.68	64	105417	19.776	ug/l	98
7) Trichlorofluoromethane	2.98	101	189592	18.029	ug/l	100
8) Diethyl Ether	3.37	74	60002	18.705	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	88845	19.496	ug/l	98
10) Methyl Iodide	3.91	142	95700	15.398	ug/l	97
11) Tert butyl alcohol	4.73	59	90412	106.461	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	86271	18.579	ug/l	97
13) Acrolein	3.57	56	15973	62.055	ug/l	83
14) Allyl chloride	4.28	41	160071	19.410	ug/l	97
15) Acrylonitrile	4.93	53	234373	99.980	ug/l	99
16) Acetone	3.78	43	205098	104.283	ug/l	99
17) Carbon Disulfide	4.01	76	246826	17.859	ug/l	99
18) Methyl Acetate	4.28	43	108784	21.572	ug/l #	73
19) Methyl tert-butyl Ether	4.99	73	331286	19.232	ug/l	98
20) Methylene Chloride	4.51	84	106691	18.987	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	96796	18.868	ug/l	97
22) Diisopropyl ether	5.90	45	344500	18.641	ug/l	96
23) Vinyl Acetate	5.84	43	1460602	99.052	ug/l	98
24) 1,1-Dichloroethane	5.80	63	185359	18.194	ug/l	99
25) 2-Butanone	6.78	43	329598	108.231	ug/l	99
26) 2,2-Dichloropropane	6.78	77	164416	17.812	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	116358	18.660	ug/l	98
28) Bromochloromethane	7.15	49	94953	17.839	ug/l	100
29) Tetrahydrofuran	7.16	42	211027	100.217	ug/l	99
30) Chloroform	7.33	83	198150	18.590	ug/l	98
31) Cyclohexane	7.61	56	168834	17.672	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	175238	19.079	ug/l	98
36) 1,1-Dichloropropene	7.75	75	137367	18.395	ug/l	98
37) Ethyl Acetate	6.88	43	148168	21.233	ug/l #	71
38) Carbon Tetrachloride	7.73	117	142666	18.838	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159951	19.066	ug/l	98
40) Benzene	8.00	78	425564	19.393	ug/l	100
41) Methacrylonitrile	7.14	41	64974m	20.653	ug/l	
42) 1,2-Dichloroethane	8.09	62	160888	19.627	ug/l	99
43) Isopropyl Acetate	8.13	43	250224	20.546	ug/l	100
44) Trichloroethene	8.80	130	112340	21.105	ug/l	94
45) 1,2-Dichloropropane	9.08	63	112490	19.361	ug/l	96
46) Dibromomethane	9.17	93	77794	20.204	ug/l	99
47) Bromodichloromethane	9.37	83	163601	19.823	ug/l	98
48) Methyl methacrylate	9.17	41	111167	20.248	ug/l	95
49) 1,4-Dioxane	9.17	88	36074	424.815	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	726107	109.717	ug/l	99
52) Toluene	10.13	92	264896	19.378	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	171772	19.027	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	181708	19.175	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	105659	20.182	ug/l	97
56) Ethyl methacrylate	10.40	69	157738	19.798	ug/l	99
57) 1,3-Dichloropropane	10.68	76	185267	19.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	403310	97.754	ug/l	99
59) 2-Hexanone	10.72	43	524112	112.687	ug/l	97
60) Dibromochloromethane	10.87	129	113255	19.567	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109867	20.188	ug/l	99
64) Tetrachloroethene	10.60	164	106574	20.662	ug/l	97
65) Chlorobenzene	11.41	112	276757	19.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103230	19.219	ug/l	98
67) Ethyl Benzene	11.49	91	518372	19.642	ug/l	97
68) m/p-Xylenes	11.59	106	382333	39.115	ug/l	99
69) o-Xylene	11.92	106	185559	19.651	ug/l	98
70) Styrene	11.94	104	310731	19.148	ug/l	99
71) Bromoform	12.10	173	69362	19.029	ug/l	# 96
73) Isopropylbenzene	12.23	105	490357	19.896	ug/l	99
74) N-amyl acetate	12.05	43	201001	19.689	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	143947	20.258	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	137538m	21.784	ug/l	
77) Bromobenzene	12.50	156	111565	20.015	ug/l	97
78) n-propylbenzene	12.57	91	573650	20.114	ug/l	99
79) 2-Chlorotoluene	12.65	91	331808	19.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	410111	19.991	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	45496	17.417	ug/l	96
82) 4-Chlorotoluene	12.75	91	349889	19.750	ug/l	99
83) tert-Butylbenzene	12.97	119	338267	19.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	412608	19.954	ug/l	99
85) sec-Butylbenzene	13.15	105	469013	20.454	ug/l	99
86) p-Isopropyltoluene	13.27	119	415126	20.392	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	202593	19.785	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	203083	19.154	ug/l	98
89) n-Butylbenzene	13.59	91	376138	20.000	ug/l	98
90) Hexachloroethane	13.85	117	66169	17.558	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	207668	20.899	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30338	19.420	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	108675	19.575	ug/l	99
94) Hexachlorobutadiene	14.98	225	41345	19.936	ug/l	94
95) Naphthalene	15.11	128	349920	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	105449	19.496	ug/l	99

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

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