

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064120.D
 Acq On : 14 Oct 2020 18:32
 Operator : JC/MD
 Sample : VN1014WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:32 PM

Quant Time: Oct 15 07:11:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	355210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	609062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	570919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	243357	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.55	113	198391	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.06	98	749463	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	12.38	95	249324	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63332	18.924	ug/l	98
3) Chloromethane	2.04	50	77619	18.621	ug/l	100
4) Vinyl Chloride	2.16	62	92439	17.816	ug/l	99
5) Bromomethane	2.53	94	76164	19.560	ug/l	98
6) Chloroethane	2.68	64	70057	16.983	ug/l	99
7) Trichlorofluoromethane	2.98	101	126265	17.693	ug/l	99
8) Diethyl Ether	3.37	74	39505	17.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65180	18.605	ug/l	98
10) Methyl Iodide	3.92	142	82062	16.615	ug/l	99
11) Tert butyl alcohol	4.73	59	51816	92.505	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	63610	17.980	ug/l	92
13) Acrolein	3.57	56	37783	82.122	ug/l	100
14) Allyl chloride	4.28	41	99635	18.050	ug/l	98
15) Acrylonitrile	4.93	53	139090	86.482	ug/l	98
16) Acetone	3.78	43	142640	95.058	ug/l	99
17) Carbon Disulfide	4.02	76	182353	18.033	ug/l	100
18) Methyl Acetate	4.28	43	66570	17.685	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	192268	18.425	ug/l	97
20) Methylene Chloride	4.50	84	82538	17.776	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	72328	18.032	ug/l	98
22) Diisopropyl ether	5.90	45	203413	18.969	ug/l	94
23) Vinyl Acetate	5.85	43	886648	92.564	ug/l	99
24) 1,1-Dichloroethane	5.80	63	134950	18.021	ug/l	97
25) 2-Butanone	6.79	43	206611	89.518	ug/l	99
26) 2,2-Dichloropropane	6.78	77	117760	18.901	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	82971	17.584	ug/l	97
28) Bromochloromethane	7.15	49	64737	18.150	ug/l #	99
29) Tetrahydrofuran	7.17	42	119647	88.700	ug/l	100
30) Chloroform	7.33	83	146500	18.364	ug/l	98
31) Cyclohexane	7.61	56	99408	17.775	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	126281	18.318	ug/l	99
36) 1,1-Dichloropropene	7.75	75	99351	16.924	ug/l	99
37) Ethyl Acetate	6.88	43	81586	15.660	ug/l #	96
38) Carbon Tetrachloride	7.73	117	111134	17.605	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	88545	17.941	ug/l	96
40) Benzene	8.00	78	315960	17.773	ug/l	96
41) Methacrylonitrile	7.13	41	42527	18.854	ug/l	95
42) 1,2-Dichloroethane	8.09	62	113670	17.970	ug/l	99
43) Isopropyl Acetate	8.13	43	150170	17.370	ug/l	99
44) Trichloroethene	8.80	130	84106	17.992	ug/l	96
45) 1,2-Dichloropropane	9.08	63	85285	18.310	ug/l	98
46) Dibromomethane	9.17	93	57670	17.452	ug/l	99
47) Bromodichloromethane	9.37	83	116261	17.982	ug/l	99
48) Methyl methacrylate	9.17	41	70107	17.555	ug/l	98
49) 1,4-Dioxane	9.17	88	20107	331.576	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	457003	89.331	ug/l	100
52) Toluene	10.13	92	199175	18.234	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	116832	17.612	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	132861	18.228	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	78818	17.417	ug/l	97
56) Ethyl methacrylate	10.40	69	103154	17.308	ug/l	97
57) 1,3-Dichloropropane	10.68	76	132829	17.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	262210	87.008	ug/l	99
59) 2-Hexanone	10.72	43	325152	86.816	ug/l	98
60) Dibromochloromethane	10.87	129	88728	17.455	ug/l	99
61) 1,2-Dibromoethane	10.98	107	83102	18.042	ug/l	99
64) Tetrachloroethene	10.60	164	76778	17.837	ug/l	97
65) Chlorobenzene	11.41	112	212883	17.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	83993	18.401	ug/l	97
67) Ethyl Benzene	11.49	91	366606	18.203	ug/l	99
68) m/p-Xylenes	11.59	106	278342	34.982	ug/l	98
69) o-Xylene	11.92	106	131839	17.652	ug/l	98
70) Styrene	11.94	104	217277	17.251	ug/l	99
71) Bromoform	12.10	173	59131	17.170	ug/l #	98
73) Isopropylbenzene	12.22	105	341685	18.543	ug/l	99
74) N-amyl acetate	12.05	43	117349	17.006	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	110020	17.342	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	99592m	16.688	ug/l	
77) Bromobenzene	12.50	156	91884	18.368	ug/l	99
78) n-propylbenzene	12.57	91	385415	18.740	ug/l	100
79) 2-Chlorotoluene	12.65	91	235973	18.041	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	279425	18.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32588	16.683	ug/l	95
82) 4-Chlorotoluene	12.75	91	244275	18.530	ug/l	98
83) tert-Butylbenzene	12.97	119	229869	18.793	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	274629	17.934	ug/l	100
85) sec-Butylbenzene	13.14	105	298059	18.955	ug/l	100
86) p-Isopropyltoluene	13.26	119	262117	18.053	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	153519	18.419	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	153008	17.949	ug/l	97
89) n-Butylbenzene	13.59	91	206513	18.024	ug/l	100
90) Hexachloroethane	13.85	117	46242	17.671	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	153070	18.452	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20447	16.746	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61868	17.402	ug/l	97
94) Hexachlorobutadiene	14.98	225	36188	18.312	ug/l	99
95) Naphthalene	15.10	128	181386	17.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	63278	17.520	ug/l	97

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

