

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058777.D
 Acq On : 15 Oct 2019 13:20
 Operator : JC/SP
 Sample : VN1015WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:42:38 AM

Quant Time: Oct 16 04:55:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	463206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	748166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	684335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	339065	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	7.57	113	245614	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.08	98	938096	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	341558	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125154	21.694	ug/l	99
3) Chloromethane	2.04	50	141774	20.667	ug/l	100
4) Vinyl Chloride	2.17	62	143397	20.988	ug/l	99
5) Bromomethane	2.54	94	88301	21.245	ug/l	98
6) Chloroethane	2.68	64	91282	21.660	ug/l	98
7) Trichlorofluoromethane	3.00	101	178771	21.863	ug/l	97
8) Diethyl Ether	3.39	74	62133	20.566	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	98904	21.213	ug/l	99
10) Methyl Iodide	3.93	142	128596	20.212	ug/l	98
11) Tert butyl alcohol	4.76	59	114505	109.029	ug/l	100
12) 1,1-Dichloroethene	3.72	96	96689	21.736	ug/l	94
13) Acrolein	3.58	56	67159	79.511	ug/l	100
14) Allyl chloride	4.30	41	188175	20.961	ug/l	99
15) Acrylonitrile	4.96	53	293410	110.783	ug/l	99
16) Acetone	3.79	43	317495	118.262	ug/l	100
17) Carbon Disulfide	4.03	76	287814	20.241	ug/l	100
18) Methyl Acetate	4.30	43	148483	21.804	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	342260	21.547	ug/l	98
20) Methylene Chloride	4.53	84	113208	20.177	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	104866	21.075	ug/l	99
22) Diisopropyl ether	5.93	45	382332	21.904	ug/l	97
23) Vinyl Acetate	5.87	43	1623419	115.265	ug/l	100
24) 1,1-Dichloroethane	5.82	63	215156	21.643	ug/l	99
25) 2-Butanone	6.81	43	433213	111.641	ug/l	96
26) 2,2-Dichloropropane	6.81	77	190207	20.961	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	120297	20.732	ug/l	100
28) Bromochloromethane	7.17	49	75301	21.773	ug/l	100
29) Tetrahydrofuran	7.19	42	275098	109.704	ug/l	100
30) Chloroform	7.36	83	214778	21.504	ug/l	98
31) Cyclohexane	7.63	56	191740	20.158	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	184771	21.692	ug/l	100
36) 1,1-Dichloropropene	7.78	75	160568	21.227	ug/l	99
37) Ethyl Acetate	6.91	43	177605	23.216	ug/l	98
38) Carbon Tetrachloride	7.76	117	163660	22.199	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	177160	20.183	ug/l	97
40) Benzene	8.02	78	462182	21.274	ug/l	100
41) Methacrylonitrile	7.15	41	67280m	18.787	ug/l	
42) 1,2-Dichloroethane	8.11	62	182427	21.857	ug/l	100
43) Isopropyl Acetate	8.15	43	278340	21.357	ug/l	99
44) Trichloroethene	8.82	130	112807	20.909	ug/l	96
45) 1,2-Dichloropropane	9.11	63	123990	21.319	ug/l	99
46) Dibromomethane	9.20	93	79523	21.567	ug/l	100
47) Bromodichloromethane	9.39	83	165390	22.027	ug/l	98
48) Methyl methacrylate	9.19	41	127522	21.586	ug/l	99
49) 1,4-Dioxane	9.19	88	40590	444.130	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	878824	120.071	ug/l	98
52) Toluene	10.15	92	280374	21.101	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	183926	21.357	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	196800	21.523	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	112398	20.667	ug/l	99
56) Ethyl methacrylate	10.43	69	172899	21.761	ug/l	99
57) 1,3-Dichloropropane	10.70	76	200209	21.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	408812	106.768	ug/l	100
59) 2-Hexanone	10.75	43	655384	115.868	ug/l	98
60) Dibromochloromethane	10.90	129	121079	21.582	ug/l	99
61) 1,2-Dibromoethane	11.00	107	115658	21.228	ug/l	99
64) Tetrachloroethene	10.63	164	100525	20.990	ug/l	94
65) Chlorobenzene	11.43	112	298032	21.445	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	111309	21.660	ug/l	99
67) Ethyl Benzene	11.51	91	537576	21.700	ug/l	98
68) m/p-Xylenes	11.62	106	397905	42.800	ug/l	98
69) o-Xylene	11.95	106	190054	21.129	ug/l	100
70) Styrene	11.97	104	307296	20.844	ug/l	99
71) Bromoform	12.13	173	82813	21.985	ug/l #	100
73) Isopropylbenzene	12.25	105	520562	22.181	ug/l	99
74) N-amyl acetate	12.07	43	235320	22.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	172438	22.303	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	166835m	23.468	ug/l	
77) Bromobenzene	12.53	156	124488	21.807	ug/l	99
78) n-propylbenzene	12.59	91	618392	22.612	ug/l	99
79) 2-Chlorotoluene	12.68	91	363244	21.400	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	442010	22.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57626	21.713	ug/l	96
82) 4-Chlorotoluene	12.78	91	368959	21.182	ug/l	99
83) tert-Butylbenzene	13.00	119	376169	21.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	443299	22.286	ug/l	99
85) sec-Butylbenzene	13.18	105	499881	22.101	ug/l	100
86) p-Isopropyltoluene	13.29	119	450657	21.923	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	220536	20.948	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	215329	20.117	ug/l	98
89) n-Butylbenzene	13.62	91	396677	20.870	ug/l	100
90) Hexachloroethane	13.88	117	81840	22.250	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	219214	21.365	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37852	20.956	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	119968	19.167	ug/l	98
94) Hexachlorobutadiene	15.01	225	69431	21.064	ug/l	99
95) Naphthalene	15.13	128	345434	19.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	119168	19.501	ug/l	100

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

