

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060627.D
 Acq On : 19 Mar 2020 11:36
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/20/2020 12:05:35 PM

Quant Time: Mar 20 06:59:19 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	203972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	331468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129948	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	7.56	113	95515	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.08	98	384244	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.40	95	136713	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37551	19.026	ug/l	98
3) Chloromethane	2.04	50	62776	17.031	ug/l	99
4) Vinyl Chloride	2.16	62	50570	17.540	ug/l	97
5) Bromomethane	2.55	94	24251	19.485	ug/l	99
6) Chloroethane	2.68	64	30304	18.247	ug/l	98
7) Trichlorofluoromethane	3.00	101	65769	18.518	ug/l	98
8) Diethyl Ether	3.38	74	28024	19.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39069	18.985	ug/l	99
10) Methyl Iodide	3.92	142	35929	19.621	ug/l	99
11) Tert butyl alcohol	4.73	59	39520	95.969	ug/l	97
12) 1,1-Dichloroethene	3.71	96	40108	18.162	ug/l	97
13) Acrolein	3.57	56	34706	76.043	ug/l	98
14) Allyl chloride	4.29	41	76359	19.660	ug/l	92
15) Acrylonitrile	4.94	53	110195	90.999	ug/l	100
16) Acetone	3.78	43	93379	94.147	ug/l	98
17) Carbon Disulfide	4.03	76	120823	17.989	ug/l	97
18) Methyl Acetate	4.28	43	51201	18.340	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	143054	18.841	ug/l	99
20) Methylene Chloride	4.52	84	45269	18.554	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	43496	18.480	ug/l	98
22) Diisopropyl ether	5.91	45	159127	19.392	ug/l	100
23) Vinyl Acetate	5.86	43	647257	96.674	ug/l	100
24) 1,1-Dichloroethane	5.82	63	83875	18.750	ug/l	99
25) 2-Butanone	6.80	43	147266	91.756	ug/l	97
26) 2,2-Dichloropropane	6.79	77	70610	20.062	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49826	18.629	ug/l	98
28) Bromochloromethane	7.17	49	41247	19.272	ug/l	100
29) Tetrahydrofuran	7.18	42	101861	89.699	ug/l	100
30) Chloroform	7.35	83	79543	18.548	ug/l	99
31) Cyclohexane	7.63	56	83051	18.415	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	69230	18.726	ug/l	99
36) 1,1-Dichloropropene	7.77	75	62879	19.591	ug/l	99
37) Ethyl Acetate	6.89	43	64633	18.637	ug/l	98
38) Carbon Tetrachloride	7.75	117	54201	18.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73919	19.380	ug/l	98
40) Benzene	8.02	78	187164	19.317	ug/l	99
41) Methacrylonitrile	7.14	41	28412m	19.196	ug/l	
42) 1,2-Dichloroethane	8.10	62	65574	19.803	ug/l	100
43) Isopropyl Acetate	8.14	43	108369	18.947	ug/l	99
44) Trichloroethene	8.81	130	48218	19.741	ug/l	99
45) 1,2-Dichloropropane	9.10	63	50779	19.862	ug/l	99
46) Dibromomethane	9.19	93	30548	19.764	ug/l	99
47) Bromodichloromethane	9.38	83	62060	19.322	ug/l	100
48) Methyl methacrylate	9.18	41	46500	18.260	ug/l	97
49) 1,4-Dioxane	9.18	88	13230	437.093	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	308666	94.838	ug/l	100
52) Toluene	10.14	92	113737	19.437	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	72064	19.533	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79962	19.756	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44126	19.601	ug/l	97
56) Ethyl methacrylate	10.42	69	66712	19.006	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76487	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	165624	94.937	ug/l	100
59) 2-Hexanone	10.74	43	219167	93.481	ug/l	99
60) Dibromochloromethane	10.89	129	44974	19.341	ug/l	100
61) 1,2-Dibromoethane	10.99	107	44146	19.502	ug/l	99
64) Tetrachloroethene	10.62	164	46490	19.826	ug/l	99
65) Chlorobenzene	11.43	112	114939	19.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42584	19.909	ug/l	97
67) Ethyl Benzene	11.50	91	214717	19.545	ug/l	100
68) m/p-Xylenes	11.61	106	159374	39.040	ug/l	99
69) o-Xylene	11.94	106	77148	19.796	ug/l	100
70) Styrene	11.96	104	122229	19.177	ug/l	99
71) Bromoform	12.12	173	30637	18.335	ug/l #	100
73) Isopropylbenzene	12.24	105	202521	19.360	ug/l	99
74) N-amyl acetate	12.06	43	90819	18.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59562	18.828	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	54970m	18.275	ug/l	
77) Bromobenzene	12.52	156	47338	18.779	ug/l	99
78) n-propylbenzene	12.59	91	236380	19.126	ug/l	100
79) 2-Chlorotoluene	12.67	91	140554	19.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	168877	19.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22052	18.829	ug/l	98
82) 4-Chlorotoluene	12.77	91	143025	19.017	ug/l	100
83) tert-Butylbenzene	12.99	119	139846	19.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	166908	19.004	ug/l	99
85) sec-Butylbenzene	13.17	105	188618	19.060	ug/l	100
86) p-Isopropyltoluene	13.28	119	169308	19.026	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	84176	18.934	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84246	18.861	ug/l	99
89) n-Butylbenzene	13.61	91	152010	18.920	ug/l	100
90) Hexachloroethane	13.87	117	24293	18.781	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	82259	19.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11868	17.738	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48826	18.703	ug/l	98
94) Hexachlorobutadiene	15.01	225	24639	19.253	ug/l	99
95) Naphthalene	15.13	128	138305	17.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47708	18.554	ug/l	98

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

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