

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060711.D
 Acq On : 26 Mar 2020 13:55
 Operator : JC/MD
 Sample : L1997-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:11:17 AM

Quant Time: Mar 27 06:54:10 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	184590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	322386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135712	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	7.56	113	101955	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.08	98	405429	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	147582	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88646	49.632	ug/l	100
3) Chloromethane	2.04	50	159157	47.712	ug/l	100
4) Vinyl Chloride	2.17	62	125372	48.052	ug/l	98
5) Bromomethane	2.55	94	59187	52.549	ug/l	99
6) Chloroethane	2.69	64	78422	52.178	ug/l	100
7) Trichlorofluoromethane	3.00	101	162763	50.641	ug/l	99
8) Diethyl Ether	3.38	74	68855	53.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91869	49.329	ug/l	100
10) Methyl Iodide	3.93	142	87421	52.753	ug/l	99
11) Tert butyl alcohol	4.72	59	100259	269.028	ug/l	99
12) 1,1-Dichloroethene	3.72	96	103118	51.597	ug/l	100
13) Acrolein	3.57	56	120653	292.117	ug/l	99
14) Allyl chloride	4.29	41	170967	48.639	ug/l	100
15) Acrylonitrile	4.94	53	303894	277.307	ug/l	100
16) Acetone	3.78	43	249950	278.466	ug/l	99
17) Carbon Disulfide	4.03	76	293556	48.297	ug/l	99
18) Methyl Acetate	4.29	43	122909	48.648	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	358119	52.119	ug/l	98
20) Methylene Chloride	4.52	84	114811	51.997	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	108591	50.982	ug/l	96
22) Diisopropyl ether	5.91	45	401525	54.070	ug/l	96
23) Vinyl Acetate	5.86	43	1432864	236.482	ug/l	99
24) 1,1-Dichloroethane	5.82	63	228467	56.435	ug/l	99
25) 2-Butanone	6.80	43	401399	276.357	ug/l	99
26) 2,2-Dichloropropane	6.79	77	120555	37.849	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	135120	55.823	ug/l	98
28) Bromochloromethane	7.17	49	98954	51.089	ug/l	99
29) Tetrahydrofuran	7.18	42	278502	271.002	ug/l	98
30) Chloroform	7.35	83	204332	52.650	ug/l	100
31) Cyclohexane	7.63	56	192027	47.050	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	179528	53.660	ug/l	99
36) 1,1-Dichloropropene	7.77	75	154636	49.536	ug/l	99
37) Ethyl Acetate	6.89	43	150729	44.686	ug/l	100
38) Carbon Tetrachloride	7.75	117	141841	50.697	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	174518	47.043	ug/l	98
40) Benzene	8.02	78	474396	50.341	ug/l	99
41) Methacrylonitrile	7.15	41	80116m	55.654	ug/l	
42) 1,2-Dichloroethane	8.10	62	163305	50.707	ug/l	100
43) Isopropyl Acetate	8.14	43	267087	48.013	ug/l	100
44) Trichloroethene	8.82	130	163085	68.650	ug/l	97
45) 1,2-Dichloropropane	9.10	63	129179	51.950	ug/l	97
46) Dibromomethane	9.19	93	77333	51.442	ug/l	100
47) Bromodichloromethane	9.38	83	160849	51.491	ug/l	99
48) Methyl methacrylate	9.18	41	128843	52.021	ug/l	99
49) 1,4-Dioxane	9.18	88	30448	1034.280	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	846322	267.359	ug/l	99
52) Toluene	10.14	92	287859	50.579	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	174474	48.623	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	186049	47.262	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	111237	50.805	ug/l	99
56) Ethyl methacrylate	10.42	69	177923	52.117	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193873	51.027	ug/l	99
59) 2-Hexanone	10.74	43	618230	271.121	ug/l	100
60) Dibromochloromethane	10.89	129	118467	52.381	ug/l	99
61) 1,2-Dibromoethane	10.99	107	113897	51.732	ug/l	100
64) Tetrachloroethene	10.62	164	111690	47.921	ug/l	99
65) Chlorobenzene	11.42	112	288571	49.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	108109	50.854	ug/l	98
67) Ethyl Benzene	11.50	91	543635	49.788	ug/l	100
68) m/p-Xylenes	11.61	106	397100	97.867	ug/l	99
69) o-Xylene	11.94	106	191728	49.498	ug/l	98
70) Stvrene	11.96	104	317869	50.177	ug/l	100
71) Bromoform	12.12	173	85750	48.581	ug/l #	98
73) Isopropylbenzene	12.24	105	512822	48.546	ug/l	100
74) N-amyl acetate	12.06	43	215565	44.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162474	50.860	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	155610m	51.232	ug/l	
77) Bromobenzene	12.52	156	124513	48.916	ug/l	99
78) n-propylbenzene	12.59	91	594893	47.667	ug/l	99
79) 2-Chlorotoluene	12.67	91	354861	47.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	434454	48.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	52842	44.682	ug/l	100
82) 4-Chlorotoluene	12.77	91	367695	48.414	ug/l	99
83) tert-Butylbenzene	12.99	119	364221	49.012	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	431840	48.693	ug/l	100
85) sec-Butylbenzene	13.17	105	482405	48.275	ug/l	100
86) p-Isopropyltoluene	13.28	119	427746	47.602	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217928	48.543	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	215951	47.878	ug/l	99
89) n-Butylbenzene	13.61	91	373355	46.020	ug/l	100
90) Hexachloroethane	13.87	117	65213	49.927	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	214220	49.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33676	50.332	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	127520	48.373	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	58355	45.156	ug/l	100
95) Naphthalene	15.13	128	396858	50.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	123924	47.726	ug/l	99

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

