

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060927.D
 Acq On : 14 Apr 2020 12:52
 Operator : JC/MD
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:56 PM

Quant Time: Apr 15 08:51:17 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	143753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	236421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	215378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108466	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.56	113	81834	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
50) Toluene-d8	10.08	98	321623	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	12.39	95	119052	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28131	20.224	ug/l	98
3) Chloromethane	2.04	50	51548	19.843	ug/l	99
4) Vinyl Chloride	2.17	62	41645	20.496	ug/l	99
5) Bromomethane	2.55	94	20729	23.633	ug/l	100
6) Chloroethane	2.69	64	25705	21.961	ug/l	97
7) Trichlorofluoromethane	3.00	101	55777	22.284	ug/l	97
8) Diethyl Ether	3.38	74	24117	23.985	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34443	23.748	ug/l	99
10) Methyl Iodide	3.92	142	26621	20.627	ug/l	99
11) Tert butyl alcohol	4.72	59	33355	114.928	ug/l	98
12) 1,1-Dichloroethene	3.72	96	34643	22.258	ug/l	98
13) Acrolein	3.58	56	29797	92.636	ug/l	99
14) Allyl chloride	4.29	41	65136	23.795	ug/l	97
15) Acrylonitrile	4.94	53	102700	120.338	ug/l	100
16) Acetone	3.78	43	101802	145.635	ug/l	98
17) Carbon Disulfide	4.03	76	92679	19.580	ug/l	100
18) Methyl Acetate	4.29	43	50670	25.753	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	127553	23.837	ug/l	95
20) Methylene Chloride	4.52	84	39846	23.172	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	36920	22.257	ug/l	96
22) Diisopropyl ether	5.91	45	148171	25.621	ug/l	99
23) Vinyl Acetate	5.86	43	591971	125.454	ug/l	99
24) 1,1-Dichloroethane	5.82	63	76775	24.352	ug/l	99
25) 2-Butanone	6.80	43	142255	125.763	ug/l	98
26) 2,2-Dichloropropane	6.79	77	65452	26.386	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	44052	23.370	ug/l	97
28) Bromochloromethane	7.17	49	40427	26.801	ug/l	96
29) Tetrahydrofuran	7.18	42	94566	118.160	ug/l	97
30) Chloroform	7.35	83	72591	24.018	ug/l	100
31) Cyclohexane	7.63	56	70842	22.289	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	61161	23.474	ug/l	97
36) 1,1-Dichloropropene	7.77	75	55066	24.054	ug/l	99
37) Ethyl Acetate	6.89	43	58606	23.692	ug/l	99
38) Carbon Tetrachloride	7.75	117	46949	22.882	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64517	23.715	ug/l	97
40) Benzene	8.02	78	165599	23.962	ug/l	99
41) Methacrylonitrile	7.14	41	26526m	25.127	ug/l	
42) 1,2-Dichloroethane	8.10	62	57338	24.277	ug/l	99
43) Isopropyl Acetate	8.14	43	101025	24.764	ug/l	99
44) Trichloroethene	8.81	130	41348	23.734	ug/l	98
45) 1,2-Dichloropropane	9.10	63	46607	25.559	ug/l	96
46) Dibromomethane	9.19	93	26832	24.339	ug/l	99
47) Bromodichloromethane	9.38	83	56504	24.665	ug/l	98
48) Methyl methacrylate	9.18	41	43420	23.906	ug/l	98
49) 1,4-Dioxane	9.18	88	10616	491.734	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	292676	126.077	ug/l	98
52) Toluene	10.14	92	99493	23.838	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	66868	25.411	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	71276	24.690	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	39486	24.592	ug/l	98
56) Ethyl methacrylate	10.42	69	61816	24.691	ug/l	98
57) 1,3-Dichloropropane	10.70	76	68189	24.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	118546	95.270	ug/l	98
59) 2-Hexanone	10.74	43	210475	125.865	ug/l	99
60) Dibromochloromethane	10.89	129	40489	24.412	ug/l	100
61) 1,2-Dibromoethane	10.99	107	38562	23.884	ug/l	100
64) Tetrachloroethene	10.62	164	37111	21.896	ug/l	99
65) Chlorobenzene	11.42	112	101561	23.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	37759	24.425	ug/l	99
67) Ethyl Benzene	11.50	91	191258	24.088	ug/l	99
68) m/p-Xylenes	11.61	106	139015	47.115	ug/l	97
69) o-Xylene	11.94	106	68025	24.151	ug/l	99
70) Styrene	11.96	104	109614	23.795	ug/l	99
71) Bromoform	12.12	173	27928	22.686	ug/l #	99
73) Isopropylbenzene	12.24	105	184294	24.349	ug/l	99
74) N-amyl acetate	12.06	43	82814	23.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57074	24.935	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	45587m	20.947	ug/l	
77) Bromobenzene	12.52	156	42069	23.066	ug/l	96
78) n-propylbenzene	12.58	91	215744	24.126	ug/l	98
79) 2-Chlorotoluene	12.67	91	126216	23.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	154475	24.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19599	23.129	ug/l	98
82) 4-Chlorotoluene	12.77	91	131845	24.228	ug/l	98
83) tert-Butylbenzene	12.99	119	131463	24.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	154042	24.241	ug/l	99
85) sec-Butylbenzene	13.17	105	177952	24.853	ug/l	99
86) p-Isopropyltoluene	13.28	119	159539	24.779	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	75647	23.517	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	76088	23.543	ug/l	99
89) n-Butylbenzene	13.61	91	147221	25.326	ug/l	99
90) Hexachloroethane	13.87	117	24926	26.633	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	74246	24.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10524	21.801	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45187	23.923	ug/l	98
94) Hexachlorobutadiene	15.01	225	24610	26.578	ug/l	99
95) Naphthalene	15.13	128	126375	22.244	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43796	23.540	ug/l	98

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

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