

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103018\
 Data File : VN052064.D
 Acq On : 30 Oct 2018 15:10
 Operator : MD\SY
 Sample : VN1030WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 11:48:22 AM

Quant Time: Oct 31 04:14:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	248726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	201866	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.59	113	151087	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.09	98	608982	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	213367	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	70115	23.191	ug/l	95
3) Chloromethane	2.06	50	84422	22.156	ug/l	97
4) Vinyl Chloride	2.19	62	89825	21.902	ug/l	98
5) Bromomethane	2.57	94	60291	19.598	ug/l	99
6) Chloroethane	2.71	64	53810	20.322	ug/l	97
7) Trichlorofluoromethane	3.02	101	99144	21.169	ug/l	97
8) Diethyl Ether	3.41	74	37686	21.570	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	61504	22.259	ug/l	97
10) Methyl Iodide	3.96	142	78922	21.796	ug/l	99
11) Tert butyl alcohol	4.78	59	18760	93.861	ug/l #	76
12) 1,1-Dichloroethene	3.74	96	60214	23.077	ug/l	92
13) Acrolein	3.61	56	24012	131.998	ug/l	97
14) Allyl chloride	4.33	41	106620	20.418	ug/l	97
15) Acrylonitrile	4.99	53	111943	97.970	ug/l	97
16) Acetone	3.82	43	78736	92.417	ug/l	96
17) Carbon Disulfide	4.06	76	176656	21.486	ug/l	97
18) Methyl Acetate	4.33	43	52115	19.215	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	174992	20.418	ug/l	99
20) Methylene Chloride	4.56	84	71635	22.067	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	64464	21.667	ug/l	96
22) Diisopropyl ether	5.95	45	238024	21.089	ug/l	97
23) Vinyl Acetate	5.90	43	808328	103.363	ug/l	100
24) 1,1-Dichloroethane	5.85	63	132634	21.015	ug/l	99
25) 2-Butanone	6.84	43	132945	99.489	ug/l	97
26) 2,2-Dichloropropane	6.83	77	93142	18.583	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	74887	21.076	ug/l	100
28) Bromochloromethane	7.20	49	59390	18.988	ug/l	96
29) Tetrahydrofuran	7.21	42	87618	98.420	ug/l	95
30) Chloroform	7.37	83	128440	20.388	ug/l	96
31) Cyclohexane	7.66	56	125281	19.624	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	105726	20.868	ug/l	100
36) 1,1-Dichloropropene	7.79	75	99128	19.913	ug/l	99
37) Ethyl Acetate	6.93	43	60539	18.169	ug/l #	95
38) Carbon Tetrachloride	7.78	117	86327	20.112	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	117085	19.820	ug/l	94
40) Benzene	8.04	78	293164	20.360	ug/l	97
41) Methacrylonitrile	7.17	41	31868	18.624	ug/l #	81
42) 1,2-Dichloroethane	8.13	62	103132	19.409	ug/l	98
43) Isopropyl Acetate	8.17	43	115694	19.523	ug/l #	87
44) Trichloroethene	8.83	130	67848	21.070	ug/l	98
45) 1,2-Dichloropropane	9.12	63	80990	19.745	ug/l	98
46) Dibromomethane	9.21	93	48813	21.293	ug/l	97
47) Bromodichloromethane	9.40	83	96430	20.169	ug/l	94
48) Methyl methacrylate	9.20	41	58432	19.448	ug/l	97
49) 1,4-Dioxane	9.20	88	10702	439.207	ug/l #	86
51) 4-Methyl-2-Pentanone	9.98	43	319763	99.273	ug/l	100
52) Toluene	10.16	92	176384	20.293	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	93420	18.481	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	110527	19.689	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	64202	20.739	ug/l	100
56) Ethyl methacrylate	10.43	69	87655	19.794	ug/l	99
57) 1,3-Dichloropropane	10.71	76	112920	19.824	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	235592	100.018	ug/l	99
59) 2-Hexanone	10.75	43	212413	92.539	ug/l	98
60) Dibromochloromethane	10.90	129	58667	19.250	ug/l	98
61) 1,2-Dibromoethane	11.00	107	60436	19.638	ug/l	98
64) Tetrachloroethene	10.63	164	53286	20.115	ug/l	95
65) Chlorobenzene	11.43	112	189864	20.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	59110	20.440	ug/l	99
67) Ethyl Benzene	11.51	91	336520	20.490	ug/l	99
68) m/p-Xylenes	11.62	106	248620	42.292	ug/l	99
69) o-Xylene	11.95	106	124291	21.367	ug/l	99
70) Styrene	11.96	104	191020	20.295	ug/l	97
71) Bromoform	12.13	173	31448	18.363	ug/l #	98
73) Isopropylbenzene	12.25	105	323196	21.464	ug/l	100
74) N-amyl acetate	12.07	43	105721	20.119	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	76566	21.206	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	72650m	22.539	ug/l	
77) Bromobenzene	12.52	156	66348	21.060	ug/l	96
78) n-propylbenzene	12.59	91	379034	20.774	ug/l	100
79) 2-Chlorotoluene	12.67	91	226831	21.326	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	261150	21.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18686	19.242	ug/l	92
82) 4-Chlorotoluene	12.77	91	233939	21.569	ug/l	99
83) tert-Butylbenzene	12.99	119	219523	21.327	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	261432	21.435	ug/l	99
85) sec-Butylbenzene	13.17	105	316958	21.556	ug/l	100
86) p-Isopropyltoluene	13.29	119	249935	20.872	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	117867	20.515	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	120649	20.952	ug/l	97
89) n-Butylbenzene	13.61	91	236168	20.680	ug/l	100
90) Hexachloroethane	13.87	117	41791	20.364	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	115987	21.472	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10597	20.907	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45598	22.669	ug/l	96
94) Hexachlorobutadiene	15.01	225	25180	22.366	ug/l	95
95) Naphthalene	15.13	128	112168	22.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	39235	22.603	ug/l	99

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

