

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051804.D
 Acq On : 11 Oct 2018 9:11
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 11 10:24:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:14:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	832595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1232677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1070612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	164776	16.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.88%	
35) Dibromofluoromethane	7.59	113	151766	15.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.96%	
50) Toluene-d8	10.09	98	547787	14.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.88%	
62) 4-Bromofluorobenzene	12.40	95	157421	12.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	14063	1.26	ug/l	94
3) Chloromethane	2.06	50	16873	1.23	ug/l	99
4) Vinyl Chloride	2.18	62	25322	1.95	ug/l	98
5) Bromomethane	2.57	94	23014	2.75	ug/l	100
6) Chloroethane	2.70	64	19875	2.64	ug/l	98
7) Trichlorofluoromethane	3.02	101	28956	1.74	ug/l	100
8) Diethyl Ether	3.41	74	9403	1.66	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	18740	1.80	ug/l	96
10) Methyl Iodide	3.94	142	19643	2.38	ug/l	99
11) Tert butyl alcohol	4.79	59	4422	6.93	ug/l	98
12) 1,1-Dichloroethene	3.73	96	16541	1.77	ug/l	88
13) Acrolein	3.61	56	62969	180.62	ug/l	97
14) Allyl chloride	4.33	41	20096	1.38	ug/l #	77
15) Acrylonitrile	5.00	53	24292	7.49	ug/l #	92
16) Acetone	3.82	43	23103	8.53	ug/l	98
17) Carbon Disulfide	4.05	76	42063	1.34	ug/l	98
18) Methyl Acetate	4.33	43	16933	1.79	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	52040	2.21	ug/l	94
20) Methylene Chloride	4.55	84	19803	1.75	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	19602	1.94	ug/l #	81
22) Diisopropyl ether	5.96	45	45815	1.58	ug/l #	84
23) Vinyl Acetate	5.91	43	158098	8.45	ug/l	94
24) 1,1-Dichloroethane	5.85	63	31342	1.68	ug/l	96
25) 2-Butanone	6.85	43	32210	7.97	ug/l	97
26) 2,2-Dichloropropane	6.83	77	31243	2.09	ug/l	79
27) cis-1,2-Dichloroethene	6.83	96	21790	2.00	ug/l	89
28) Bromochloromethane	7.20	49	92061	11.62	ug/l #	71
29) Tetrahydrofuran	7.23	42	21052	9.09	ug/l #	81
30) Chloroform	7.37	83	38257	2.07	ug/l	94
31) Cyclohexane	7.66	56	40999	2.21	ug/l #	56
32) 1,1,1-Trichloroethane	7.57	97	34183	2.16	ug/l	93
36) 1,1-Dichloropropene	7.79	75	25744	1.77	ug/l	98
37) Ethyl Acetate	6.94	43	12959	1.55	ug/l #	94
38) Carbon Tetrachloride	7.77	117	29630	2.02	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	31183	1.98	ug/l	89
40) Benzene	8.04	78	75805	1.73	ug/l	98
41) Methacrylonitrile	7.18	41	5551	1.23	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	25735	1.96	ug/l	96
43) Isopropyl Acetate	8.17	43	20158	1.40	ug/l #	94
44) Trichloroethene	8.84	130	23635	2.04	ug/l	93
45) 1,2-Dichloropropane	9.12	63	17990	1.56	ug/l #	88
46) Dibromomethane	9.21	93	14191	2.10	ug/l	93
47) Bromodichloromethane	9.41	83	26662	1.88	ug/l	98
48) Methyl methacrylate	9.20	41	11524	1.57	ug/l #	79
49) 1,4-Dioxane	9.20	88	3749	37.56	ug/l #	88
51) 4-Methyl-2-Pentanone	9.99	43	67705	7.90	ug/l	96
52) Toluene	10.16	92	50894	1.96	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	25123	1.78	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	27657	1.71	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	18535	1.92	ug/l	97
56) Ethyl methacrylate	10.43	69	21059	1.93	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	27050	1.70	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	351965	75.36	ug/l #	89
59) 2-Hexanone	10.75	43	45069	7.90	ug/l	98
60) Dibromochloromethane	10.90	129	19247	1.78	ug/l	95
61) 1,2-Dibromoethane	11.01	107	19107	2.05	ug/l	96
64) Tetrachloroethene	10.63	164	22397	2.20	ug/l	98
65) Chlorobenzene	11.44	112	54763	1.96	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	19968	1.95	ug/l	94
67) Ethyl Benzene	11.51	91	92094	2.02	ug/l	96
68) m/p-Xylenes	11.62	106	70370	4.08	ug/l	95
69) o-Xylene	11.95	106	35062	2.11	ug/l	97
70) Styrene	11.96	104	48837	1.88	ug/l	97
71) Bromoform	12.13	173	11517	1.64	ug/l #	99
73) Isopropylbenzene	12.25	105	93030	2.89	ug/l	100
74) N-amyl acetate	12.07	43	17036	2.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	19752	2.28	ug/l	92
76) 1,2,3-Trichloropropane	12.55	75	23089	3.39	ug/l #	100
77) Bromobenzene	12.53	156	21142	2.42	ug/l	94
78) n-propylbenzene	12.59	91	90443	2.51	ug/l	96
79) 2-Chlorotoluene	12.68	91	55765	2.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	71108	2.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	4658	2.31	ug/l	93
82) 4-Chlorotoluene	12.78	91	54074	2.44	ug/l	97
83) tert-Butylbenzene	12.99	119	68145	3.03	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	67962	2.60	ug/l	100
85) sec-Butylbenzene	13.17	105	85145	2.89	ug/l	99
86) p-Isopropyltoluene	13.29	119	69585	2.77	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	33779	2.27	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	32130	2.20	ug/l	89
89) n-Butylbenzene	13.62	91	44475	2.21	ug/l	98
90) Hexachloroethane	13.88	117	12438	2.39	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	32439	2.26	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2568	2.22	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	10617	1.70	ug/l	93
94) Hexachlorobutadiene	15.01	225	11370	2.43	ug/l	98
95) Naphthalene	15.14	128	24196	1.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	12609	2.08	ug/l	91

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

