

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
 Data File : VN051898.D
 Acq On : 17 Oct 2018 8:57
 Operator : MD\SY
 Sample : VSTDIC01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC01

Quant Time: Oct 19 04:41:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	949678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1396517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1154553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	13561	1.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.08%	
35) Dibromofluoromethane	7.60	113	12126	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	
50) Toluene-d8	10.09	98	43373	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	
62) 4-Bromofluorobenzene	12.40	95	14468	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	7279	1.27	ug/l	97
3) Chloromethane	2.06	50	7610	1.36	ug/l	99
4) Vinyl Chloride	2.19	62	9857	1.16	ug/l	98
5) Bromomethane	2.57	94	12168	1.51	ug/l	95
6) Chloroethane	2.71	64	8104	1.32	ug/l	# 81
7) Trichlorofluoromethane	3.02	101	15478	1.18	ug/l	98
8) Diethyl Ether	3.41	74	4212	1.10	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	9012	1.20	ug/l	# 85
10) Methyl Iodide	3.96	142	6234	0.68	ug/l	# 68
11) Tert butyl alcohol	4.78	59	1196	2.57	ug/l	# 72
12) 1,1-Dichloroethene	3.73	96	8715	1.28	ug/l	86
13) Acrolein	3.60	56	1114	2.89	ug/l	# 1
14) Allyl chloride	4.33	41	9098	1.27	ug/l	96
15) Acrylonitrile	5.00	53	5172	2.78	ug/l	# 81
16) Acetone	3.82	43	10853	6.96	ug/l	93
17) Carbon Disulfide	4.05	76	19640	1.15	ug/l	100
18) Methyl Acetate	4.34	43	8848	1.70	ug/l	91
19) Methyl tert-butyl Ether	5.04	73	10742	0.55	ug/l	98
20) Methylene Chloride	4.56	84	10129	1.28	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	9771	1.24	ug/l	# 83
22) Diisopropyl ether	5.96	45	19644	1.14	ug/l	# 86
23) Vinyl Acetate	5.90	43	64138	5.40	ug/l	96
24) 1,1-Dichloroethane	5.85	63	14554	1.16	ug/l	98
25) 2-Butanone	6.84	43	14129	6.34	ug/l	96
26) 2,2-Dichloropropane	6.83	77	12731	1.08	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	10720	1.17	ug/l	99
28) Bromochloromethane	7.20	49	5852	1.15	ug/l	# 40
29) Tetrahydrofuran	7.22	42	8582	6.31	ug/l	91
30) Chloroform	7.38	83	17769	1.19	ug/l	88
31) Cyclohexane	7.66	56	27173	2.00	ug/l	# 70
32) 1,1,1-Trichloroethane	7.57	97	14411	1.03	ug/l	# 43
36) 1,1-Dichloropropene	7.79	75	12815	1.18	ug/l	98
37) Ethyl Acetate	6.94	43	3000	0.63	ug/l	# 72
38) Carbon Tetrachloride	7.77	117	14011	1.10	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	15569	1.16	ug/l	93
40) Benzene	8.05	78	35978	1.14	ug/l	98
42) 1,2-Dichloroethane	8.12	62	11175	1.10	ug/l	93
43) Isopropyl Acetate	8.17	43	10383	1.08	ug/l	# 90
44) Trichloroethene	8.84	130	11238	1.13	ug/l	92
45) 1,2-Dichloropropane	9.12	63	8178	1.12	ug/l	94
46) Dibromomethane	9.21	93	6535	1.17	ug/l	90
47) Bromodichloromethane	9.41	83	11397	1.02	ug/l	93
48) Methyl methacrylate	9.20	41	4663	1.07	ug/l	88
49) 1,4-Dioxane	9.20	88	1914	23.03	ug/l	# 84
51) 4-Methyl-2-Pentanone	9.98	43	26945	5.34	ug/l	100
52) Toluene	10.16	92	22787	1.08	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	9328	0.88	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	11625	0.98	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	8182	1.05	ug/l	97
56) Ethyl methacrylate	10.43	69	9080	1.05	ug/l	# 91
57) 1,3-Dichloropropane	10.71	76	13268	1.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	15479	4.21	ug/l	97
59) 2-Hexanone	10.75	43	18188	5.38	ug/l	94
60) Dibromochloromethane	10.90	129	8832	0.97	ug/l	96
61) 1,2-Dibromoethane	11.01	107	8450	1.04	ug/l	98
64) Tetrachloroethene	10.63	164	11522	1.24	ug/l	95
65) Chlorobenzene	11.43	112	25938	1.12	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.51	131	8955	1.04	ug/l	# 64
67) Ethyl Benzene	11.51	91	42038	1.11	ug/l	99
68) m/p-Xylenes	11.62	106	32039	2.11	ug/l	97
69) o-Xylene	11.95	106	16044	1.08	ug/l	95
70) Styrene	11.96	104	22055	0.97	ug/l	98
71) Bromoform	12.13	173	4547	0.85	ug/l	# 99
73) Isopropylbenzene	12.25	105	39496	1.32	ug/l	100
74) N-amyl acetate	12.07	43	7064	1.38	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.50	83	8724	1.45	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	9280	1.90	ug/l	# 100
77) Bromobenzene	12.53	156	10167	1.34	ug/l	96
78) n-propylbenzene	12.59	91	39347	1.27	ug/l	96
79) 2-Chlorotoluene	12.68	91	24239	1.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	31539	1.31	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	1409	1.09	ug/l	# 79
82) 4-Chlorotoluene	12.77	91	23506	1.29	ug/l	94
83) tert-Butylbenzene	12.99	119	29801	1.31	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	28714	1.21	ug/l	98
85) sec-Butylbenzene	13.17	105	36125	1.25	ug/l	98
86) p-Isopropyltoluene	13.29	119	28529	1.14	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	15081	1.18	ug/l	98
88) 1,4-Dichlorobenzene	13.28	146	15081	1.20	ug/l	98
89) n-Butylbenzene	13.62	91	17540	0.97	ug/l	96
90) Hexachloroethane	13.87	117	4980	1.19	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	14319	1.15	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	838	1.04	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	4910	0.91	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	5347	1.36	ug/l	93
95) Naphthalene	15.13	128	11111	1.04	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	5925	1.11	ug/l	98

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

