

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054936.D
 Acq On : 4 Apr 2019 9:46
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 1:44:36 PM

Quant Time: Apr 05 02:03:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	667401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177790	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	4265	0.912 ug/l	95
3) Chloromethane	2.06	50	6757	1.093 ug/l	89
4) Vinyl Chloride	2.19	62	5618	1.040 ug/l	89
5) Bromomethane	2.58	94	3639	1.180 ug/l	88
6) Chloroethane	2.71	64	3393	1.126 ug/l #	87
7) Trichlorofluoromethane	3.03	101	6990	1.065 ug/l	95
8) Diethyl Ether	3.42	74	2373	1.136 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3851	1.108 ug/l	95
12) 1,1-Dichloroethene	3.74	96	3973	1.152 ug/l	96
14) Allyl chloride	4.33	41	6910m	0.883 ug/l	
15) Acrylonitrile	5.00	53	8227m	5.155 ug/l	
16) Acetone	3.83	43	10172m	7.256 ug/l	
17) Carbon Disulfide	4.05	76	11210	1.021 ug/l	95
18) Methyl Acetate	4.34	43	5087	1.325 ug/l	98
19) Methyl tert-butyl Ether	5.05	73	11540	1.032 ug/l	96
20) Methylene Chloride	4.55	84	5511	1.151 ug/l	85
21) trans-1,2-Dichloroethene	5.04	96	4471m	1.040 ug/l	
22) Diisopropyl ether	5.97	45	14856	0.945 ug/l	95
23) Vinyl Acetate	5.91	43	48725	4.455 ug/l	98
24) 1,1-Dichloroethane	5.85	63	9210	1.075 ug/l #	91
25) 2-Butanone	6.85	43	8048	4.156 ug/l	97
26) 2,2-Dichloropropane	6.83	77	6179	1.028 ug/l	96
27) cis-1,2-Dichloroethene	6.84	96	4900	1.003 ug/l	96
28) Bromochloromethane	7.20	49	4503	1.121 ug/l #	95
29) Tetrahydrofuran	7.23	42	6434	5.069 ug/l #	62
30) Chloroform	7.37	83	8240	1.014 ug/l	92
31) Cyclohexane	7.66	56	16587	1.695 ug/l #	53
32) 1,1,1-Trichloroethane	7.56	97	7331	1.069 ug/l #	53
36) 1,1-Dichloropropene	7.80	75	6945	1.050 ug/l	95
37) Ethyl Acetate	6.94	43	4241	0.935 ug/l #	72
38) Carbon Tetrachloride	7.77	117	7331	1.148 ug/l #	79
39) Methylcyclohexane	9.08	83	6595	0.907 ug/l	94
40) Benzene	8.05	78	18094	0.951 ug/l	96
41) Methacrylonitrile	7.17	41	2810	1.083 ug/l #	65

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

42) 1,2-Dichloroethane	8.12	62	6822	1.020	ug/l	85
43) Isopropyl Acetate	8.17	43	7015	0.917	ug/l #	94
44) Trichloroethene	8.84	130	4532	0.931	ug/l	100
45) 1,2-Dichloropropane	9.12	63	4882	0.921	ug/l	99
46) Dibromomethane	9.21	93	2878	0.957	ug/l	97
47) Bromodichloromethane	9.41	83	6081	0.963	ug/l	90
48) Methyl methacrylate	9.20	41	3240	0.837	ug/l	91
49) 1,4-Dioxane	9.21	88	649	16.607	ug/l #	41
51) 4-Methyl-2-Pentanone	9.99	43	18999	4.453	ug/l	100
52) Toluene	10.15	92	10025	0.894	ug/l	86
53) t-1,3-Dichloropropene	10.38	75	4666	0.801	ug/l #	77
54) cis-1,3-Dichloropropene	9.85	75	5602	0.788	ug/l	88
55) 1,1,2-Trichloroethane	10.56	97	3999	0.983	ug/l #	88
56) Ethyl methacrylate	10.43	69	4498	0.846	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	6604	0.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	7860	3.741	ug/l	97
59) 2-Hexanone	10.75	43	10345	3.882	ug/l	98
60) Dibromochloromethane	10.90	129	3379	0.793	ug/l	98
61) 1,2-Dibromoethane	11.01	107	2785	0.728	ug/l #	74
64) Tetrachloroethene	10.63	164	4954	1.099	ug/l #	81
65) Chlorobenzene	11.43	112	11447	1.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	3767	0.903	ug/l #	62
67) Ethyl Benzene	11.51	91	19202	0.935	ug/l	93
68) m/p-Xylenes	11.62	106	14160	1.886	ug/l	93
69) o-Xylene	11.95	106	6759	0.923	ug/l	93
70) Styrene	11.96	104	8990	0.766	ug/l	90
71) Bromoform	12.12	173	2226	0.888	ug/l #	100
73) Isopropylbenzene	12.25	105	17369	1.156	ug/l	94
74) N-amyl acetate	12.07	43	3234	0.775	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	4686	1.270	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	4319m	1.494	ug/l	
77) Bromobenzene	12.53	156	4001	1.100	ug/l	92
78) n-propylbenzene	12.59	91	18271	1.104	ug/l	96
79) 2-Chlorotoluene	12.67	91	11976	1.168	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	13346	1.082	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.31	75	702m	0.964	ug/l	
82) 4-Chlorotoluene	12.77	91	9845	1.015	ug/l	96
83) tert-Butylbenzene	12.99	119	12222	1.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	12188	1.021	ug/l	97
85) sec-Butylbenzene	13.17	105	15299	1.127	ug/l	97
86) p-Isopropyltoluene	13.29	119	11647	0.996	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	6389	1.056	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	5680m	0.986	ug/l	
89) n-Butylbenzene	13.62	91	7879	0.843	ug/l	95
90) Hexachloroethane	13.88	117	2014	1.025	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	6205	1.045	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	598	1.163	ug/l	81
93) 1,2,4-Trichlorobenzene	14.92	180	1857	0.703	ug/l	93
94) Hexachlorobutadiene	15.01	225	2258	1.136	ug/l	83
95) Naphthalene	15.13	128	4492	0.775	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2409	0.883	ug/l	85

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

