

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN054998.D
 Acq On : 12 Apr 2019 14:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 1:57:54 PM

Quant Time: Apr 13 03:35:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 02:20:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	424160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	660260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167002	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	4810	0.962 ug/l	87
3) Chloromethane	2.06	50	7287	1.106 ug/l	97
4) Vinyl Chloride	2.19	62	5237	0.916 ug/l	95
5) Bromomethane	2.56	94	3281	1.004 ug/l	95
6) Chloroethane	2.71	64	3066	0.959 ug/l	98
7) Trichlorofluoromethane	3.02	101	6382	0.916 ug/l	93
8) Diethyl Ether	3.41	74	2042	0.914 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	3505	0.950 ug/l #	80
12) 1,1-Dichloroethene	3.73	96	3814	1.045 ug/l	88
14) Allyl chloride	4.32	41	8227	1.003 ug/l	98
15) Acrylonitrile	5.00	53	8773	5.011 ug/l #	87
16) Acetone	3.82	43	8682	5.533 ug/l	100
17) Carbon Disulfide	4.04	76	11936	1.027 ug/l	97
18) Methyl Acetate	4.32	43	5626m	1.324 ug/l	
19) Methyl tert-butyl Ether	5.05	73	10967	0.908 ug/l #	90
20) Methylene Chloride	4.55	84	7501	1.449 ug/l #	81
21) trans-1,2-Dichloroethene	5.02	96	4491m	0.974 ug/l	
22) Diisopropyl ether	5.96	45	15717	0.930 ug/l #	79
23) Vinyl Acetate	5.90	43	49035m	4.164 ug/l	
24) 1,1-Dichloroethane	5.84	63	9283	1.010 ug/l #	90
25) 2-Butanone	6.86	43	10101	4.772 ug/l #	85
26) 2,2-Dichloropropane	6.81	77	6217m	0.972 ug/l	
27) cis-1,2-Dichloroethene	6.83	96	5003	0.953 ug/l	98
28) Bromochloromethane	7.20	49	4427	1.020 ug/l #	99
29) Tetrahydrofuran	7.22	42	6806	4.863 ug/l	98
30) Chloroform	7.37	83	8840	1.014 ug/l #	82
31) Cyclohexane	7.66	56	15647	1.492 ug/l #	41
32) 1,1,1-Trichloroethane	7.56	97	6387	0.872 ug/l #	52
36) 1,1-Dichloropropene	7.79	75	6122	0.949 ug/l	97
37) Ethyl Acetate	6.94	43	3644	0.804 ug/l #	74
38) Carbon Tetrachloride	7.77	117	6456	1.040 ug/l	85
39) Methylcyclohexane	9.08	83	7292	1.026 ug/l	95
40) Benzene	8.04	78	18637	0.999 ug/l	99
41) Methacrylonitrile	7.17	41	2850m	1.103 ug/l	

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

42) 1,2-Dichloroethane	8.12	62	6797	1.034	ug/l	94
43) Isopropyl Acetate	8.17	43	6980	0.915	ug/l #	95
44) Trichloroethene	8.83	130	4790	1.003	ug/l	91
45) 1,2-Dichloropropane	9.12	63	5177	0.995	ug/l	90
46) Dibromomethane	9.21	93	3101	1.043	ug/l	96
47) Bromodichloromethane	9.40	83	5972	0.963	ug/l	89
48) Methyl methacrylate	9.20	41	4121	1.075	ug/l	95
49) 1,4-Dioxane	9.20	88	714m	18.091	ug/l	
51) 4-Methyl-2-Pentanone	9.99	43	20831	4.869	ug/l	99
52) Toluene	10.16	92	10585	0.964	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	4616	0.811	ug/l #	73
54) cis-1,3-Dichloropropene	9.84	75	5862	0.842	ug/l #	93
55) 1,1,2-Trichloroethane	10.56	97	3882	0.966	ug/l #	84
56) Ethyl methacrylate	10.43	69	4416	0.843	ug/l	95
57) 1,3-Dichloropropane	10.71	76	6438	0.918	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	7912	3.845	ug/l	93
59) 2-Hexanone	10.76	43	12219	4.592	ug/l	98
60) Dibromochloromethane	10.90	129	3248	0.777	ug/l	92
61) 1,2-Dibromoethane	11.00	107	3738	0.992	ug/l	93
64) Tetrachloroethene	10.63	164	5053	1.114	ug/l	95
65) Chlorobenzene	11.43	112	10744	0.942	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.51	131	3861	0.924	ug/l #	64
67) Ethyl Benzene	11.51	91	20071	0.976	ug/l	99
68) m/p-Xylenes	11.62	106	13935	1.852	ug/l	100
69) o-Xylene	11.95	106	7639	1.043	ug/l	87
70) Styrene	11.97	104	9648	0.820	ug/l	95
71) Bromoform	12.13	173	1854	0.733	ug/l #	88
73) Isopropylbenzene	12.25	105	18076	1.290	ug/l	99
74) N-amyl acetate	12.07	43	4786	1.220	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	4669	1.337	ug/l #	93
76) 1,2,3-Trichloropropane	12.55	75	3630m	1.204	ug/l	
77) Bromobenzene	12.52	156	4522	1.331	ug/l	81
78) n-propylbenzene	12.59	91	18096	1.172	ug/l	95
79) 2-Chlorotoluene	12.67	91	12005	1.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	13708	1.192	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	751	1.044	ug/l #	86
82) 4-Chlorotoluene	12.77	91	10974	1.212	ug/l	97
83) tert-Butylbenzene	12.99	119	12009	1.224	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	12164	1.094	ug/l	93
85) sec-Butylbenzene	13.17	105	14471	1.141	ug/l	86
86) p-Isopropyltoluene	13.28	119	12297	1.126	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	6474	1.149	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	6092m	1.135	ug/l	
89) n-Butylbenzene	13.61	91	9325	1.076	ug/l	97
90) Hexachloroethane	13.87	117	2171	1.195	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	6031	1.087	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.26	75	476	0.979	ug/l #	63
93) 1,2,4-Trichlorobenzene	14.90	180	1823	0.747	ug/l	86
94) Hexachlorobutadiene	15.01	225	2671	1.437	ug/l	94
95) Naphthalene	15.14	128	5007	0.930	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	2426	0.957	ug/l	87

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

