

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052304.D
 Acq On : 14 Nov 2018 10:31
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 2:58:04 PM

Quant Time: Nov 15 02:43:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 02:30:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	268253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	468722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	404273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154700	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	2553	0.898 ug/l	83
3) Chloromethane	2.06	50	3852	0.975 ug/l	90
4) Vinyl Chloride	2.19	62	3333	0.976 ug/l	89
5) Bromomethane	2.57	94	2470	1.160 ug/l	97
6) Chloroethane	2.72	64	1868	0.968 ug/l #	71
7) Trichlorofluoromethane	3.02	101	4856	1.028 ug/l	97
8) Diethyl Ether	3.42	74	1854	1.029 ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	3214	1.077 ug/l	92
12) 1,1-Dichloroethene	3.75	96	2874	1.041 ug/l	93
14) Allyl chloride	4.33	41	5852	1.032 ug/l #	89
15) Acrylonitrile	4.99	53	5453m	4.705 ug/l	
16) Acetone	3.82	43	5893	5.555 ug/l	93
17) Carbon Disulfide	4.06	76	7584	0.958 ug/l	99
18) Methyl Acetate	4.34	43	4099m	1.354 ug/l	
19) Methyl tert-butyl Ether	5.05	73	7248	0.913 ug/l	96
20) Methylene Chloride	4.55	84	4529	1.304 ug/l #	86
21) trans-1,2-Dichloroethene	5.05	96	3057m	1.069 ug/l	
22) Diisopropyl ether	5.96	45	10969m	0.938 ug/l	
23) Vinyl Acetate	5.90	43	30671	3.908 ug/l	96
24) 1,1-Dichloroethane	5.85	63	6527	1.052 ug/l #	85
25) 2-Butanone	6.84	43	6433	4.381 ug/l #	85
26) 2,2-Dichloropropane	6.83	77	4556	0.999 ug/l	86
27) cis-1,2-Dichloroethene	6.83	96	3639	1.051 ug/l	77
28) Bromochloromethane	7.19	49	3394	1.064 ug/l #	87
29) Tetrahydrofuran	7.21	42	4902m	5.042 ug/l	
30) Chloroform	7.37	83	5926	1.002 ug/l	89
31) Cyclohexane	7.66	56	13158	1.830 ug/l #	56
32) 1,1,1-Trichloroethane	7.57	97	5191	1.031 ug/l #	54
36) 1,1-Dichloropropene	7.80	75	4775	1.016 ug/l	94
37) Ethyl Acetate	6.94	43	3402m	0.948 ug/l	
38) Carbon Tetrachloride	7.78	117	3703	0.858 ug/l	89
39) Methylcyclohexane	9.08	83	5196	0.969 ug/l #	93
40) Benzene	8.04	78	13401	0.998 ug/l	97
41) Methacrylonitrile	7.17	41	2810m	1.455 ug/l	

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

42) 1,2-Dichloroethane	8.13	62	4514	0.943	ug/l	93
43) Isopropyl Acetate	8.17	43	7015	1.066	ug/l #	76
44) Trichloroethene	8.84	130	3134	0.948	ug/l	95
45) 1,2-Dichloropropane	9.11	63	3802	0.998	ug/l	97
46) Dibromomethane	9.21	93	2126	0.964	ug/l	94
47) Bromodichloromethane	9.40	83	4233	0.936	ug/l	96
48) Methyl methacrylate	9.20	41	3982	1.193	ug/l #	71
49) 1,4-Dioxane	9.20	88	382	14.906	ug/l #	59
51) 4-Methyl-2-Pentanone	9.99	43	14045	4.241	ug/l	97
52) Toluene	10.15	92	7506	0.935	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	3887	0.852	ug/l	91
54) cis-1,3-Dichloropropene	9.84	75	4323	0.831	ug/l #	87
55) 1,1,2-Trichloroethane	10.56	97	2796	0.961	ug/l	94
56) Ethyl methacrylate	10.43	69	3078	0.804	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	4856	0.942	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.70	63	9252	4.246	ug/l	99
59) 2-Hexanone	10.75	43	9453	4.150	ug/l	98
60) Dibromochloromethane	10.90	129	2909	0.924	ug/l	93
61) 1,2-Dibromoethane	11.00	107	2611	0.901	ug/l	94
64) Tetrachloroethene	10.63	164	3102	1.079	ug/l	90
65) Chlorobenzene	11.43	112	8925	1.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	2648	0.909	ug/l #	62
67) Ethyl Benzene	11.51	91	13819	0.932	ug/l	98
68) m/p-Xylenes	11.62	106	9763	1.802	ug/l	97
69) o-Xylene	11.94	106	4202	0.809	ug/l	87
70) Styrene	11.96	104	6775	0.815	ug/l	91
71) Bromoform	12.13	173	1345	0.782	ug/l #	95
73) Isopropylbenzene	12.25	105	12332	0.991	ug/l	97
74) N-amyl acetate	12.07	43	3573	0.807	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.50	83	2994	0.996	ug/l #	96
76) 1,2,3-Trichloropropane	12.55	75	3011m	1.238	ug/l	
77) Bromobenzene	12.53	156	3010	1.040	ug/l	96
78) n-propylbenzene	12.59	91	13878	0.954	ug/l	96
79) 2-Chlorotoluene	12.68	91	8482	0.998	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	8918	0.902	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.30	75	687	0.849	ug/l #	59
82) 4-Chlorotoluene	12.77	91	9219	1.059	ug/l	96
83) tert-Butylbenzene	12.99	119	8933	1.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	8995	0.906	ug/l	96
85) sec-Butylbenzene	13.17	105	11018	0.926	ug/l	94
86) p-Isopropyltoluene	13.29	119	8846	0.878	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5344	1.040	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	5283m	1.034	ug/l	
89) n-Butylbenzene	13.62	91	6786	0.784	ug/l	89
90) Hexachloroethane	13.87	117	1701	0.953	ug/l	83
91) 1,2-Dichlorobenzene	13.65	146	5061	1.016	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	439	0.990	ug/l #	69
93) 1,2,4-Trichlorobenzene	14.91	180	1554	0.758	ug/l	84
94) Hexachlorobutadiene	15.00	225	1181	1.036	ug/l	97
95) Naphthalene	15.13	128	3031	0.655	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	1679	0.887	ug/l	81

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

