

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050584.D
 Acq On : 13 Aug 2018 23:46
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:20:52 PM

Quant Time: Aug 14 07:38:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 07:26:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	836986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	700821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264108	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	6657	1.18	ug/l	98
3) Chloromethane	2.06	50	11131	1.47	ug/l	96
4) Vinyl Chloride	2.18	62	9030	1.23	ug/l	94
5) Bromomethane	2.57	94	7988	1.78	ug/l	99
6) Chloroethane	2.70	64	6407	1.42	ug/l	99
7) Trichlorofluoromethane	3.01	101	12381	1.31	ug/l	98
8) Diethyl Ether	3.41	74	3794	1.10	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7096	1.21	ug/l	98
12) 1,1-Dichloroethene	3.73	96	6454	1.17	ug/l	90
14) Allyl chloride	4.33	41	9652	1.10	ug/l	92
15) Acrylonitrile	5.00	53	10030	4.50	ug/l #	76
16) Acetone	3.83	43	11805	5.55	ug/l	100
17) Carbon Disulfide	4.05	76	20394	1.14	ug/l	97
18) Methyl Acetate	4.34	43	12207	2.01	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	14400	0.94	ug/l	93
20) Methylene Chloride	4.56	84	9724	1.28	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	6690	1.12	ug/l	91
22) Diisopropyl ether	5.96	45	16469	0.92	ug/l #	81
23) Vinyl Acetate	5.90	43	53512	4.24	ug/l	99
24) 1,1-Dichloroethane	5.85	63	13679	1.24	ug/l	95
25) 2-Butanone	6.85	43	13764	4.25	ug/l	94
26) 2,2-Dichloropropane	6.83	77	9815	1.11	ug/l #	67
27) cis-1,2-Dichloroethene	6.83	96	7451	1.13	ug/l	97
28) Bromochloromethane	7.20	49	5613	1.10	ug/l #	97
29) Tetrahydrofuran	7.22	42	6847	3.94	ug/l	94
30) Chloroform	7.37	83	14201	1.28	ug/l	99
31) Cyclohexane	7.66	56	18007	1.63	ug/l #	33
32) 1,1,1-Trichloroethane	7.57	97	11035	1.16	ug/l #	49
36) 1,1-Dichloropropene	7.80	75	9256	1.01	ug/l #	90
37) Ethyl Acetate	6.95	43	4555	0.72	ug/l #	71
38) Carbon Tetrachloride	7.78	117	10647	1.11	ug/l	94
39) Methylcyclohexane	9.08	83	8361	0.83	ug/l	93
40) Benzene	8.04	78	28133	1.00	ug/l	94
41) Methacrylonitrile	7.19	41	2315m	0.67	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.13	62	8910	1.00	ug/l	96
43) Isopropyl Acetate	8.17	43	8645	0.78	ug/l	96
44) Trichloroethene	8.84	130	8290	1.09	ug/l	98
45) 1,2-Dichloropropane	9.12	63	7909	1.06	ug/l	99
46) Dibromomethane	9.21	93	4982	1.10	ug/l	92
47) Bromodichloromethane	9.40	83	10131	1.07	ug/l	91
48) Methyl methacrylate	9.20	41	4900	0.88	ug/l	89
49) 1,4-Dioxane	9.21	88	1275	15.15	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	28648	3.62	ug/l	94
52) Toluene	10.16	92	14533	0.86	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	8185	0.87	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	8856	0.84	ug/l	97
55) 1,1,2-Trichloroethane	10.57	97	6478	0.99	ug/l	95
56) Ethyl methacrylate	10.43	69	5025	0.62	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	9816	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	11413	2.99	ug/l	97
59) 2-Hexanone	10.75	43	17482	3.18	ug/l	86
60) Dibromochloromethane	10.90	129	6424	0.89	ug/l	95
61) 1,2-Dibromoethane	11.01	107	5617	0.87	ug/l	99
64) Tetrachloroethene	10.63	164	7028	1.07	ug/l	98
65) Chlorobenzene	11.44	112	17775	1.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	6904	1.08	ug/l #	64
67) Ethyl Benzene	11.51	91	24023	0.85	ug/l	98
68) m/p-Xylenes	11.62	106	17865	1.65	ug/l	97
69) o-Xylene	11.95	106	8274	0.79	ug/l	95
70) Styrene	11.97	104	12039	0.71	ug/l	95
71) Bromoform	12.13	173	4144	0.90	ug/l #	98
73) Isopropylbenzene	12.25	105	20276	1.02	ug/l	95
74) N-amyl acetate	12.07	43	5507	0.88	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	8102	1.44	ug/l	92
76) 1,2,3-Trichloropropane	12.56	75	5896m	1.24	ug/l	
77) Bromobenzene	12.53	156	6279	1.18	ug/l	93
78) n-propylbenzene	12.59	91	21167	0.94	ug/l	97
79) 2-Chlorotoluene	12.68	91	14521	1.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	14373	0.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.31	75	1245	0.94	ug/l #	85
82) 4-Chlorotoluene	12.77	91	12676	0.91	ug/l	98
83) tert-Butylbenzene	12.99	119	13842	0.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	13490	0.82	ug/l	98
85) sec-Butylbenzene	13.17	105	16260	0.87	ug/l	98
86) p-Isopropyltoluene	13.29	119	12399	0.77	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	9749	1.03	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	10266m	1.09	ug/l	
89) n-Butylbenzene	13.62	91	10778	0.79	ug/l	90
90) Hexachloroethane	13.88	117	3920	1.36	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	10160	1.07	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	822	0.87	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	2789	0.59	ug/l	95
94) Hexachlorobutadiene	15.01	225	3487	1.01	ug/l	94
95) Naphthalene	15.13	128	4852	0.45	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	3053	0.64	ug/l	97

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

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