

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049768.D
 Acq On : 12 Jul 2018 10:14
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:07 PM

Quant Time: Jul 12 15:45:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:09:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1044695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1598191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1385335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	541460	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	1.86	85	13172	1.12	ug/l	95
3) Chloromethane	2.06	50	18462	1.26	ug/l	93
4) Vinyl Chloride	2.18	62	19145	1.21	ug/l	99
5) Bromomethane	2.57	94	17120	2.06	ug/l	86
6) Chloroethane	2.71	64	10942	1.09	ug/l	94
7) Trichlorofluoromethane	3.02	101	23056	1.28	ug/l	84
8) Diethyl Ether	3.42	74	8056	1.10	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.76	101	16247	1.25	ug/l	97
12) 1,1-Dichloroethene	3.73	96	13623	1.11	ug/l	86
14) Allyl chloride	4.33	41	21949	1.30	ug/l #	86
15) Acrylonitrile	5.00	53	21374	5.23	ug/l #	83
16) Acetone	3.83	43	21964	6.43	ug/l	93
17) Carbon Disulfide	4.05	76	46376	1.25	ug/l	99
18) Methyl Acetate	4.33	43	20852	1.00	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	33544	1.06	ug/l	96
20) Methylene Chloride	4.56	84	20081	1.41	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	15380m	1.22	ug/l	
22) Diisopropyl ether	5.96	45	37476	0.98	ug/l #	94
23) Vinyl Acetate	5.90	43	125128	5.06	ug/l	99
24) 1,1-Dichloroethane	5.85	63	28279	1.18	ug/l	97
25) 2-Butanone	6.84	43	25403	5.55	ug/l	94
26) 2,2-Dichloropropane	6.82	77	22962	1.15	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	16570	1.17	ug/l	99
28) Bromochloromethane	7.20	49	12346	1.21	ug/l	97
29) Tetrahydrofuran	7.22	42	15381	5.27	ug/l	94
30) Chloroform	7.37	83	29861	1.22	ug/l	95
31) Cyclohexane	7.66	56	38659	1.63	ug/l #	41
32) 1,1,1-Trichloroethane	7.58	97	24879	1.20	ug/l	97
36) 1,1-Dichloropropene	7.79	75	20256	1.13	ug/l	96
37) Ethyl Acetate	6.94	43	11251	1.07	ug/l	96
38) Carbon Tetrachloride	7.77	117	22477	1.29	ug/l	97
39) Methylcyclohexane	9.08	83	20149	1.02	ug/l	94
40) Benzene	8.04	78	59633	1.09	ug/l	99
41) Methacrylonitrile	7.18	41	7154	1.21	ug/l #	68

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

42) 1,2-Dichloroethane	8.13	62	20520	1.17	ug/l	100
43) Isopropyl Acetate	8.17	43	19595	0.79	ug/l	99
44) Trichloroethene	8.83	130	17318	1.05	ug/l	91
45) 1,2-Dichloropropane	9.12	63	16265	1.15	ug/l	97
46) Dibromomethane	9.21	93	9681	1.13	ug/l	97
47) Bromodichloromethane	9.40	83	21589	1.18	ug/l	97
48) Methyl methacrylate	9.20	41	10378	1.11	ug/l #	78
49) 1,4-Dioxane	9.21	88	2527	20.17	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	47990	4.67	ug/l	96
52) Toluene	10.16	92	31088	0.94	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	17272	0.99	ug/l	92
54) cis-1,3-Dichloropropene	9.84	75	19033	0.93	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	17628	1.43	ug/l	88
56) Ethyl methacrylate	10.43	69	12034	0.83	ug/l	95
57) 1,3-Dichloropropane	10.71	76	22653	1.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	29374	4.36	ug/l	98
59) 2-Hexanone	10.75	43	30835	4.54	ug/l	88
60) Dibromochloromethane	10.90	129	14611	1.09	ug/l	99
61) 1,2-Dibromoethane	11.01	107	12120	1.02	ug/l	99
64) Tetrachloroethene	10.63	164	14922	0.80	ug/l	97
65) Chlorobenzene	11.43	112	40797	1.13	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	15003	1.16	ug/l #	61
67) Ethyl Benzene	11.51	91	57713	0.97	ug/l	98
68) m/p-Xylenes	11.62	106	39374	1.72	ug/l	97
69) o-Xylene	11.95	106	19520	0.89	ug/l	92
70) Styrene	11.97	104	26475	0.75	ug/l	98
71) Bromoform	12.13	173	8735	1.01	ug/l #	89
73) Isopropylbenzene	12.25	105	48013	1.11	ug/l	98
74) N-amyl acetate	12.07	43	11078	0.94	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	15569	1.53	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	12202m	1.41	ug/l	
77) Bromobenzene	12.53	156	14548	1.24	ug/l	96
78) n-propylbenzene	12.59	91	52680	1.07	ug/l	96
79) 2-Chlorotoluene	12.68	91	34223	1.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	35512	0.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	2777	1.09	ug/l #	80
82) 4-Chlorotoluene	12.78	91	31067	0.99	ug/l	100
83) tert-Butylbenzene	12.99	119	33711	1.09	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	32548	0.88	ug/l	98
85) sec-Butylbenzene	13.17	105	39253	0.96	ug/l	95
86) p-Isopropyltoluene	13.29	119	30944	0.88	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	22681	1.05	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	22239m	1.03	ug/l	
89) n-Butylbenzene	13.62	91	24420	0.81	ug/l	96
90) Hexachloroethane	13.88	117	9763	2.63	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	23369	1.11	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2525	1.42	ug/l	74
93) 1,2,4-Trichlorobenzene	14.91	180	8248	0.85	ug/l	98
94) Hexachlorobutadiene	15.01	225	8774	1.31	ug/l	98
95) Naphthalene	15.14	128	16107	0.77	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	9393	0.94	ug/l	94

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

