

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051336.D
 Acq On : 20 Sep 2018 13:28
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:07 PM

Quant Time: Sep 21 04:02:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	581145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	752900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290052	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	5661	1.166	ug/l	98
3) Chloromethane	2.06	50	9507	1.380	ug/l	94
4) Vinyl Chloride	2.18	62	7521	1.099	ug/l #	82
5) Bromomethane	2.56	94	5963	1.249	ug/l	98
6) Chloroethane	2.71	64	4629	1.100	ug/l	95
7) Trichlorofluoromethane	3.02	101	10730	1.096	ug/l	89
8) Diethyl Ether	3.42	74	3099	0.990	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.76	101	6994	1.165	ug/l	89
12) 1,1-Dichloroethene	3.73	96	6019	1.107	ug/l	86
14) Allyl chloride	4.33	41	8062	1.052	ug/l	97
15) Acrylonitrile	5.00	53	8336	4.926	ug/l #	67
16) Acetone	3.83	43	9476	7.323	ug/l	97
17) Carbon Disulfide	4.05	76	18696	1.141	ug/l	98
18) Methyl Acetate	4.34	43	7475	1.681	ug/l #	71
19) Methyl tert-butyl Ether	5.05	73	12388	0.942	ug/l #	88
20) Methylene Chloride	4.55	84	7807	1.206	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	5891m	1.026	ug/l	
22) Diisopropyl ether	5.96	45	13960	0.922	ug/l #	85
23) Vinyl Acetate	5.90	43	42464	4.338	ug/l	99
24) 1,1-Dichloroethane	5.85	63	11228	1.088	ug/l #	94
25) 2-Butanone	6.85	43	9732	5.408	ug/l	92
26) 2,2-Dichloropropane	6.82	77	9454	1.109	ug/l #	73
27) cis-1,2-Dichloroethene	6.83	96	6456	1.015	ug/l	98
28) Bromochloromethane	7.20	49	4075	0.953	ug/l #	86
29) Tetrahydrofuran	7.22	42	5776	5.066	ug/l #	67
30) Chloroform	7.37	83	12211	1.126	ug/l	98
31) Cyclohexane	7.66	56	15592	1.536	ug/l #	18
32) 1,1,1-Trichloroethane	7.57	97	10061	1.077	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	8847	1.007	ug/l	94
37) Ethyl Acetate	6.94	43	4057	0.933	ug/l #	67
38) Carbon Tetrachloride	7.77	117	9847	1.036	ug/l	94
39) Methylcyclohexane	9.08	83	8697	0.848	ug/l	97
40) Benzene	8.04	78	25555	0.966	ug/l	98
41) Methacrylonitrile	7.19	41	2142	0.946	ug/l #	29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.12	62	8234	1.030	ug/l	91
43) Isopropyl Acetate	8.17	43	5535	0.727	ug/l	93
44) Trichloroethene	8.84	130	7621	1.003	ug/l	96
45) 1,2-Dichloropropane	9.12	63	6524	0.963	ug/l	92
46) Dibromomethane	9.21	93	4197	1.005	ug/l	93
47) Bromodichloromethane	9.40	83	9071	1.019	ug/l	99
48) Methyl methacrylate	9.20	41	3503	0.902	ug/l	94
49) 1,4-Dioxane	9.20	88	926	16.129	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	16369	3.996	ug/l	98
52) Toluene	10.16	92	13225	0.812	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	7208	0.843	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	7938	0.802	ug/l #	85
55) 1,1,2-Trichloroethane	10.56	97	6478	1.060	ug/l	94
56) Ethyl methacrylate	10.43	69	4300	0.666	ug/l	93
57) 1,3-Dichloropropane	10.71	76	9025	0.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	10318	3.250	ug/l	98
59) 2-Hexanone	10.75	43	12007	4.348	ug/l	88
60) Dibromochloromethane	10.90	129	6847	0.961	ug/l	97
61) 1,2-Dibromoethane	11.01	107	5575	0.949	ug/l	95
64) Tetrachloroethene	10.63	164	6405	0.976	ug/l	93
65) Chlorobenzene	11.44	112	17613	0.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	7017	1.025	ug/l #	65
67) Ethyl Benzene	11.51	91	23513	0.836	ug/l	99
68) m/p-Xylenes	11.62	106	16922	1.531	ug/l	96
69) o-Xylene	11.94	106	8445	0.792	ug/l	95
70) Styrene	11.97	104	11406	0.690	ug/l	93
71) Bromoform	12.13	173	4168	0.897	ug/l #	96
73) Isopropylbenzene	12.25	105	20262	0.953	ug/l	100
74) N-amyl acetate	12.08	43	4900	1.077	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.51	83	6917	1.318	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	5632m	1.345	ug/l	
77) Bromobenzene	12.53	156	6351	1.081	ug/l	92
78) n-propylbenzene	12.59	91	20552	0.887	ug/l	98
79) 2-Chlorotoluene	12.67	91	14398	1.008	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	14259	0.827	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	1143m	0.945	ug/l	
82) 4-Chlorotoluene	12.77	91	12505	0.901	ug/l	100
83) tert-Butylbenzene	12.99	119	13749	0.891	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	13265	0.776	ug/l	95
85) sec-Butylbenzene	13.17	105	17064	0.832	ug/l	99
86) p-Isopropyltoluene	13.29	119	13605	0.762	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	9722	0.985	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	9539	0.997	ug/l	90
89) n-Butylbenzene	13.62	91	10476	0.755	ug/l	93
90) Hexachloroethane	13.87	117	4811	1.258	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	9712	1.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	772	1.111	ug/l	81
93) 1,2,4-Trichlorobenzene	14.91	180	2527	0.578	ug/l	92
94) Hexachlorobutadiene	15.01	225	4153	1.122	ug/l	94
95) Naphthalene	15.13	128	4408	0.572	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2807	0.645	ug/l	91

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

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