

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054114.D
 Acq On : 6 Mar 2019 11:56
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:38:11 AM

Quant Time: Mar 07 06:15:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 05:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	670933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1061467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	439158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	779184	96.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.40%	
35) Dibromofluoromethane	7.59	113	684674	99.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.62%	
50) Toluene-d8	10.09	98	2634119	100.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.24%	
62) 4-Bromofluorobenzene	12.40	95	884287	103.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.84	85	586462	90.949	ug/l	98
3) Chloromethane	2.06	50	806473	87.281	ug/l	100
4) Vinyl Chloride	2.18	62	808127	92.501	ug/l	100
5) Bromomethane	2.56	94	452274	79.840	ug/l	100
6) Chloroethane	2.70	64	480508	90.741	ug/l	100
7) Trichlorofluoromethane	3.01	101	999897	93.681	ug/l	100
8) Diethyl Ether	3.41	74	403321	94.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	622878	89.702	ug/l	98
10) Methyl Iodide	3.95	142	852994	115.752	ug/l	100
11) Tert butyl alcohol	4.77	59	270806	552.428	ug/l	99
12) 1,1-Dichloroethene	3.73	96	611350	94.378	ug/l	99
13) Acrolein	3.60	56	254349	589.978	ug/l	100
14) Allyl chloride	4.32	41	1168666	100.127	ug/l	99
15) Acrylonitrile	4.98	53	1352266	488.719	ug/l	99
16) Acetone	3.81	43	1112267	446.162	ug/l	98
17) Carbon Disulfide	4.05	76	1877058	88.839	ug/l	100
18) Methyl Acetate	4.32	43	581350	91.469	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1799524	98.986	ug/l	100
20) Methylene Chloride	4.55	84	701609	88.568	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	664721	93.474	ug/l	99
22) Diisopropyl ether	5.95	45	2325170	102.243	ug/l	100
23) Vinyl Acetate	5.89	43	8499773	526.164	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1290313	94.833	ug/l	100
25) 2-Butanone	6.83	43	1628924	493.328	ug/l	99
26) 2,2-Dichloropropane	6.82	77	956149	97.498	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	762576	96.166	ug/l	99
28) Bromochloromethane	7.19	49	650640	95.807	ug/l	99
29) Tetrahydrofuran	7.21	42	1065944	492.527	ug/l	99
30) Chloroform	7.37	83	1239856	95.102	ug/l	99
31) Cyclohexane	7.65	56	1215194	82.260	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1047019	96.866	ug/l	99
36) 1,1-Dichloropropene	7.79	75	985608	98.925	ug/l	98
37) Ethyl Acetate	6.92	43	684700	95.856	ug/l	99
38) Carbon Tetrachloride	7.77	117	925335	97.288	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1161564	101.021	ug/l	99
40) Benzene	8.04	78	2930812	99.429	ug/l	99
41) Methacrylonitrile	7.17	41	372980	85.892	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	907728	97.216	ug/l	100
43) Isopropyl Acetate	8.16	43	1182208	106.487	ug/l	100
44) Trichloroethene	8.83	130	757903	95.890	ug/l	94
45) 1,2-Dichloropropane	9.12	63	787932	96.912	ug/l	98
46) Dibromomethane	9.21	93	457329	98.537	ug/l	99
47) Bromodichloromethane	9.40	83	972535	100.102	ug/l	99
48) Methyl methacrylate	9.20	41	608402	110.977	ug/l	97
49) 1,4-Dioxane	9.20	88	164476	2270.404	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3360594	528.348	ug/l	100
52) Toluene	10.16	92	1762518	100.927	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1022036	106.655	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1180120	104.199	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	640315	97.370	ug/l	99
56) Ethyl methacrylate	10.43	69	867911	112.428	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1119137	99.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1988658	562.811	ug/l	100
59) 2-Hexanone	10.75	43	2223804	529.966	ug/l	99
60) Dibromochloromethane	10.90	129	725598	103.193	ug/l	100
61) 1,2-Dibromoethane	11.00	107	634654	101.428	ug/l	99
64) Tetrachloroethene	10.63	164	719025	93.011	ug/l	98
65) Chlorobenzene	11.43	112	1888661	96.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	696525	99.260	ug/l	99
67) Ethyl Benzene	11.51	91	3285590	100.163	ug/l	100
68) m/p-Xylenes	11.62	106	2481631	200.473	ug/l	99
69) o-Xylene	11.95	106	1215672	102.055	ug/l	100
70) Styrene	11.96	104	1989379	105.210	ug/l	100
71) Bromoform	12.13	173	504650	104.494	ug/l #	99
73) Isopropylbenzene	12.25	105	3149061	90.119	ug/l	100
74) N-amyl acetate	12.07	43	970956	104.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	786038	86.427	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	655850m	95.518	ug/l	
77) Bromobenzene	12.53	156	796723	88.497	ug/l	98
78) n-propylbenzene	12.59	91	3711240	94.385	ug/l	100
79) 2-Chlorotoluene	12.67	91	2174508	91.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2678373	94.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	229132	105.138	ug/l	98
82) 4-Chlorotoluene	12.77	91	2205010	92.623	ug/l	100
83) tert-Butylbenzene	12.99	119	2304597	91.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2718000	96.407	ug/l	100
85) sec-Butylbenzene	13.17	105	3134485	91.820	ug/l	99
86) p-Isopropyltoluene	13.29	119	2727666	95.046	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1427888	93.375	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1402867	92.437	ug/l	100
89) n-Butylbenzene	13.61	91	2425750	100.110	ug/l	100
90) Hexachloroethane	13.87	117	501224	91.058	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1384755	90.964	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	119239	93.524	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	766640	105.499	ug/l	99
94) Hexachlorobutadiene	15.01	225	451876	82.932	ug/l	99
95) Naphthalene	15.13	128	1641215	109.500	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	720128	98.457	ug/l	99

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

