Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000107.D
Acq On : 15 Feb 2018 21:00
Operator : JU/SJ
Sample : J1161-09
Misc : 2 PPM MDL
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT1-2018

Quant Time: Feb 16 10:31:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	337204	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1713143	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1034328	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2333858	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2568945	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2760166	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2724956	131.70	ng		-0.01
7) Phenol-d6	7.58	99	3938421	125.66	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2766826	96.02	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1333798	130.28	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7052751	96.10	ng		-0.01
78) Terphenyl-d14	20.35	244	9028033	94.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	17301	2.078	ng		92
3) Pyridine	4.14	79	36156	1.395	ng	#	87
4) n-Nitrosodimethylamine	4.02	42	12377	1.689	ng	#	71
6) Aniline	7.76	93	70410	1.631	ng	#	88
8) 2-Chlorophenol	8.01	128	48452	2.003	ng		95
9) Benzaldehyde	7.58	77	30778	1.579	ng		97
10) Phenol	7.61	94	63409	1.917	ng		96
11) bis(2-Chloroethyl)ether	7.86	93	51798	1.904	ng	#	79
12) 1,3-Dichlorobenzene	8.35	146	53148	1.933	ng		97
13) 1,4-Dichlorobenzene	8.50	146	55762	1.986	ng		92
14) 1,2-Dichlorobenzene	8.82	146	55140	1.995	ng		91
15) Benzyl Alcohol	8.69	79	33211	1.474	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.99	45	56158	1.950	ng		81
17) 2-Methylphenol	8.89	107	38029	1.618	ng		95
18) Hexachloroethane	9.56	117	17091	1.749	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	30595	1.457	ng	#	81
20) 3+4-Methylphenols	9.22	107	48130	1.464	ng		90
22) Acetophenone	9.29	105	79941	1.665	ng	#	89
24) Nitrobenzene	9.68	77	70998	2.254	ng	#	92
25) Isophorone	10.20	82	85971	1.443	ng		96
26) 2-Nitrophenol	10.40	139	14159	8.125	ng	#	88
27) 2,4-Dimethylphenol	10.43	122	35805m	1.387	ng		
28) bis(2-Chloroethoxy)methane	10.68	93	67206	1.759	ng		99
29) 2,4-Dichlorophenol	10.93	162	29544	1.236	ng		94
30) 1,2,4-Trichlorobenzene	11.16	180	52220	1.898	ng		95
31) Naphthalene	11.35	128	181110	1.928	ng		97
32) Benzoic acid	10.47	122	7302m	10.840	ng		
33) 4-Chloroaniline	11.45	127	61801	1.498	ng		94
34) Hexachlorobutadiene	11.63	225	26759	1.875	ng		91
35) Caprolactam	12.16	113	8609	4.774	ng		95
36) 4-Chloro-3-methylphenol	12.53	107	35102	1.157	ng		99
37) 2-Methylnaphthalene	12.93	142	118748	1.817	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	56960	1.866	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	17998	1.414	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	19989	1.092	ng		95
43) 2,4,5-Trichlorophenol	13.57	196	23866	1.085	ng	#	89
45) 1,1'-Biphenyl	13.91	154	188948	2.074	ng		97
46) 2-Chloronaphthalene	13.96	162	128562	1.881	ng		97
47) 2-Nitroaniline	14.15	65	18974	5.729	ng		93
48) Acenaphthylene	14.80	152	166906	1.516	ng		98
49) Dimethylphthalate	14.50	163	136816	1.582	ng		98
50) 2,6-Dinitrotoluene	14.63	165	16592	0.930	ng	#	87
51) Acenaphthene	15.13	154	134702	1.879	ng		97
52) 3-Nitroaniline	14.96	138	20210	0.931	ng		96
53) 2,4-Dinitrophenol	15.16	184	3568	9.726	ng	#	37
54) Dibenzofuran	15.46	168	196074	1.931	ng		94
55) 4-Nitrophenol	15.23	139	12407	5.631	ng	#	87
56) 2,4-Dinitrotoluene	15.40	165	20196	4.904	ng	#	85
57) Fluorene	16.10	166	147983	1.785	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	18858	1.086	ng	#	81
59) Diethylphthalate	15.85	149	130285	1.483	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	71002	1.880	ng		93
61) 4-Nitroaniline	16.10	138	21832	0.979	ng		87
62) Azobenzene	16.38	77	121505	1.389	ng		92
64) 4,6-Dinitro-2-methylphenol	16.16	198	6954	9.222	ng	#	83
65) n-Nitrosodiphenylamine	16.30	169	113517	1.495	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	37218	1.677	ng	#	74
67) Hexachlorobenzene	17.09	284	47876	1.847	ng	#	86
68) Atrazine	17.22	200	27164	1.099	ng		91
69) Pentachlorophenol	17.43	266	15098	6.615	ng		97
70) Phenanthrene	17.83	178	269314	1.954	ng		99
71) Anthracene	17.92	178	214073	1.604	ng		98
72) Carbazole	18.18	167	211630	1.574	ng		97
73) Di-n-butylphthalate	18.71	149	159079	1.072	ng	#	97
74) Fluoranthene	19.80	202	240300	1.662	ng		95
76) Benzidine	19.97	184	43457	0.531	ng		97
77) Pyrene	20.16	202	273000	1.672	ng		98
79) Butylbenzylphthalate	21.02	149	58641	6.048	ng		95
80) Benzo(a)anthracene	21.89	228	279025	1.767	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	59066	1.018	ng	#	96
82) Chrysene	21.94	228	312568	1.986	ng		97
83) Bis(2-ethylhexyl)phthalate	21.78	149	85711	3.604	ng	#	94
84) Di-n-octyl phthalate	22.73	149	124284	7.215	ng		99
85) Indeno(1,2,3-cd)pyrene	26.93	276	317264	1.641	ng	#	85
87) Benzo(b)fluoranthene	23.63	252	276286	1.710	ng	#	97
88) Benzo(k)fluoranthene	23.67	252	281043	1.727	ng	#	95
89) Benzo(a)pyrene	24.27	252	254324	1.641	ng	#	94
90) Dibenzo(a,h)anthracene	26.95	278	265943	1.641	ng	#	85
91) Benzo(g,h,i)perylene	27.72	276	268963	1.642	ng	#	89

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

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