Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000106.D
Acq On : 15 Feb 2018 20:26
Operator : JU/SJ
Sample : J1161-09
Misc : 1 PPM MDL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 16 10:26:29 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	306606	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1548197	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	929058	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2135910	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2411623	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2630660	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2556899	135.91	ng		-0.01
7) Phenol-d6	7.58	99	3677366	129.04	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2520076	96.78	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1234212	134.21	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	6495300	98.54	ng		-0.01
78) Terphenyl-d14	20.35	244	8653107	96.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	8319	1.099	ng	#	91
3) Pyridine	4.19	79	15013m	0.637	ng		
4) n-Nitrosodimethylamine	4.02	42	6341	0.952	ng	#	56
6) Aniline	7.76	93	32007	0.815	ng		92
8) 2-Chlorophenol	8.01	128	21634	0.983	ng		93
9) Benzaldehyde	7.58	77	16962	0.957	ng		91
10) Phenol	7.61	94	30020	0.998	ng		93
11) bis(2-Chloroethyl)ether	7.86	93	24080	0.973	ng		89
12) 1,3-Dichlorobenzene	8.35	146	24991	1.000	ng		99
13) 1,4-Dichlorobenzene	8.50	146	26315	1.031	ng		96
14) 1,2-Dichlorobenzene	8.82	146	24761	0.985	ng		91
15) Benzyl Alcohol	8.69	79	16426	0.802	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	24912	0.951	ng		77
17) 2-Methylphenol	8.89	107	16362	0.765	ng		93
18) Hexachloroethane	9.57	117	7874	0.886	ng	#	80
19) n-Nitroso-di-n-propylamine	9.26	70	13671	0.716	ng	#	83
20) 3+4-Methylphenols	9.22	107	21232	0.710	ng		90
22) Acetophenone	9.29	105	34324	0.791	ng	#	87
24) Nitrobenzene	9.68	77	28382	0.997	ng	#	93
25) Isophorone	10.20	82	38995	0.724	ng		98
26) 2-Nitrophenol	10.39	139	6165	7.642	ng		90
27) 2,4-Dimethylphenol	10.44	122	16394	0.703	ng		97
28) bis(2-Chloroethoxy)methane	10.68	93	29231	0.847	ng	#	92
29) 2,4-Dichlorophenol	10.93	162	12241	0.567	ng		97
30) 1,2,4-Trichlorobenzene	11.16	180	25158	1.012	ng		97
31) Naphthalene	11.35	128	82955	0.977	ng	#	92
32) Benzoic acid	10.46	122	1915m	10.629	ng		
33) 4-Chloroaniline	11.45	127	26413	0.708	ng		96
34) Hexachlorobutadiene	11.63	225	11836	0.918	ng		90
35) Caprolactam	12.17	113	3939	4.401	ng		96
36) 4-Chloro-3-methylphenol	12.53	107	14852	0.542	ng		99
37) 2-Methylnaphthalene	12.93	142	52109	0.882	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	26124	0.953	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	7457	0.652	ng		80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	8132	0.495	ng	#	94
43) 2,4,5-Trichlorophenol	13.58	196	9024	0.457	ng	#	92
45) 1,1'-Biphenyl	13.91	154	88092	1.077	ng		98
46) 2-Chloronaphthalene	13.96	162	58283	0.949	ng		95
47) 2-Nitroaniline	14.15	65	7774	5.266	ng		84
48) Acenaphthylene	14.80	152	66123	0.668	ng		98
49) Dimethylphthalate	14.50	163	60278	0.776	ng		99
50) 2,6-Dinitrotoluene	14.63	165	6418	0.400	ng	#	87
51) Acenaphthene	15.13	154	59632	0.926	ng		93
52) 3-Nitroaniline	14.95	138	8074	0.414	ng	#	87
53) 2,4-Dinitrophenol	15.16	184	1707	9.493	ng	#	1
54) Dibenzofuran	15.46	168	86657	0.950	ng		94
55) 4-Nitrophenol	15.23	139	4836	5.261	ng		87
56) 2,4-Dinitrotoluene	15.40	165	7932	4.498	ng	#	91
57) Fluorene	16.10	166	64915	0.872	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	7008	0.449	ng	#	80
59) Diethylphthalate	15.85	149	55049	0.698	ng	#	95
60) 4-Chlorophenyl-phenylether	16.09	204	31378	0.925	ng	#	87
61) 4-Nitroaniline	16.10	138	8118	0.405	ng		89
62) Azobenzene	16.37	77	47607	0.606	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	3226	8.968	ng		87
65) n-Nitrosodiphenylamine	16.30	169	47065	0.677	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	16642	0.819	ng	#	81
67) Hexachlorobenzene	17.09	284	22423	0.945	ng	#	77
68) Atrazine	17.22	200	11806	0.522	ng		96
69) Pentachlorophenol	17.43	266	6692	6.211	ng		96
70) Phenanthrene	17.83	178	122474	0.971	ng		98
71) Anthracene	17.92	178	95503	0.782	ng		97
72) Carbazole	18.18	167	87586	0.712	ng		98
73) Di-n-butylphthalate	18.71	149	65926	0.485	ng		99
74) Fluoranthene	19.80	202	105337	0.796	ng		94
76) Benzidine	19.97	184	20336	0.265	ng		97
77) Pyrene	20.16	202	120790	0.788	ng		97
79) Butylbenzylphthalate	21.02	149	26081	5.694	ng		96
80) Benzo(a)anthracene	21.89	228	129777	0.876	ng		95
81) 3,3'-Dichlorobenzidine	21.80	252	24548	0.451	ng	#	95
82) Chrysene	21.94	228	146834	0.994	ng		99
83) Bis(2-ethylhexyl)phthalate	21.78	149	36650	3.222	ng	#	95
84) Di-n-octyl phthalate	22.73	149	51871	6.946	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.93	276	143932	0.793	ng	#	84
87) Benzo(b)fluoranthene	23.63	252	129132	0.839	ng	#	95
88) Benzo(k)fluoranthene	23.67	252	122046	0.787	ng	#	94
89) Benzo(a)pyrene	24.27	252	115270	0.781	ng	#	92
90) Dibenzo(a,h)anthracene	26.94	278	120437	0.780	ng	#	90
91) Benzo(g,h,i)perylene	27.72	276	128312	0.822	ng	#	87

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

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