Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000262.D
Acq On : 06 Mar 2018 14:15
Operator : JU/SJ
Sample : PB107073BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB107073BS

Quant Time: Mar 07 04:27:53 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	8.45	152	237011	20.00	ng		-0.02
21) Naphthalene-d8	11.29	136	1187070	20.00	ng		-0.02
38) Acenaphthene-d10	15.06	164	669371	20.00	ng		-0.02
63) Phenanthrene-d10	17.78	188	1374661	20.00	ng		-0.02
75) Chrysene-d12	21.90	240	1376448	20.00	ng		-0.02
86) Perylene-d12	24.37	264	1463512	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2551883	175.48	ng		-0.02
7) Phenol-d6	7.58	99	3579907	162.51	ng		-0.01
23) Nitrobenzene-d5	9.63	82	2030321	101.69	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	938358	141.62	ng		-0.02
44) 2-Fluorobiphenyl	13.69	172	4240582	89.29	ng		-0.02
78) Terphenyl-d14	20.34	244	5277647	103.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	208164	35.573	ng		97
3) Pyridine	4.08	79	653215	35.861	ng		97
4) n-Nitrosodimethylamine	3.99	42	254434	49.392	ng	#	89
6) Aniline	7.76	93	751324	24.757	ng		91
8) 2-Chlorophenol	8.00	128	900669	52.960	ng		89
9) Benzaldehyde	7.56	77	271042	19.778	ng		90
10) Phenol	7.61	94	1283756	55.207	ng		85
11) bis(2-Chloroethyl)ether	7.85	93	874387	45.720	ng	#	84
12) 1,3-Dichlorobenzene	8.33	146	772372	39.970	ng		99
13) 1,4-Dichlorobenzene	8.49	146	797240	40.400	ng		97
14) 1,2-Dichlorobenzene	8.81	146	783842	40.351	ng		95
15) Benzyl Alcohol	8.68	79	820297	51.809	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	920653	45.480	ng		80
17) 2-Methylphenol	8.88	107	841265	50.910	ng		95
18) Hexachloroethane	9.55	117	295062	42.953	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	681165	46.146	ng	#	83
20) 3+4-Methylphenols	9.21	107	1135915	49.150	ng		94
22) Acetophenone	9.28	105	1363480	40.989	ng	#	88
24) Nitrobenzene	9.68	77	1029766	47.179	ng	#	95
25) Isophorone	10.19	82	1976263	47.884	ng		97
26) 2-Nitrophenol	10.39	139	421425	47.248	ng		93
27) 2,4-Dimethylphenol	10.43	122	965292	53.949	ng		95
28) bis(2-Chloroethoxy)methane	10.67	93	1282208	48.441	ng		98
29) 2,4-Dichlorophenol	10.92	162	832889	50.299	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	753783	39.529	ng		97
31) Naphthalene	11.34	128	2683967	41.242	ng		98
32) Benzoic acid	10.56	122	546031	42.616	ng		91
33) 4-Chloroaniline	11.43	127	595472	20.829	ng		96
34) Hexachlorobutadiene	11.61	225	373063	37.728	ng		97
35) Caprolactam	12.20	113	308278	43.045	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	1030036	48.996	ng		98
37) 2-Methylnaphthalene	12.92	142	1930989	42.644	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	808261	40.909	ng	#	95
40) Hexachlorocyclopentadiene	13.25	237	760255	92.309	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	583459	49.272	ng		98
43) 2,4,5-Trichlorophenol	13.57	196	649241	45.607	ng	#	92
45) 1,1'-Biphenyl	13.90	154	2457839	41.691	ng		97
46) 2-Chloronaphthalene	13.95	162	1864067	42.141	ng		96
47) 2-Nitroaniline	14.15	65	627937	48.358	ng		86
48) Acenaphthylene	14.79	152	3057681	42.905	ng		98
49) Dimethylphthalate	14.50	163	2350795	42.012	ng		99
50) 2,6-Dinitrotoluene	14.63	165	516680	44.729	ng		93
51) Acenaphthene	15.13	154	2064368	44.500	ng		98
52) 3-Nitroaniline	14.95	138	370990	26.421	ng	#	91
53) 2,4-Dinitrophenol	15.16	184	384918	92.341	ng	#	1
54) Dibenzofuran	15.45	168	2831646	43.100	ng		95
55) 4-Nitrophenol	15.24	139	1014528	87.660	ng	#	85
56) 2,4-Dinitrotoluene	15.40	165	722587	44.071	ng		95
57) Fluorene	16.10	166	2273434	42.379	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	541058	48.159	ng	#	83
59) Diethylphthalate	15.85	149	2435035	42.823	ng		97
60) 4-Chlorophenyl-phenylether	16.08	204	1030004	42.132	ng		93
61) 4-Nitroaniline	16.11	138	593675	41.149	ng		92
62) Azobenzene	16.37	77	2680585	47.357	ng		89
64) 4,6-Dinitro-2-methylphenol	16.16	198	255204	40.804	ng		91
65) n-Nitrosodiphenylamine	16.29	169	2024330	45.257	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	589951	45.130	ng	#	88
67) Hexachlorobenzene	17.09	284	633987	41.529	ng	#	87
68) Atrazine	17.22	200	644302	44.258	ng		95
69) Pentachlorophenol	17.43	266	808150	77.110	ng		99
70) Phenanthrene	17.82	178	3526045	43.425	ng		99
71) Anthracene	17.92	178	3620866	46.053	ng		99
72) Carbazole	18.17	167	3422477	43.209	ng		97
73) Di-n-butylphthalate	18.70	149	4076262	46.617	ng		99
74) Fluoranthene	19.80	202	3837777	45.051	ng		92
76) Benzidine	19.96	184	1689700	38.510	ng		97
77) Pyrene	20.16	202	3999904	45.723	ng		98
79) Butylbenzylphthalate	21.01	149	1949649	47.093	ng		98
80) Benzo(a)anthracene	21.88	228	3840427	45.394	ng		100
81) 3,3'-Dichlorobenzidine	21.80	252	849991	27.353	ng	#	98
82) Chrysene	21.93	228	3626854	43.018	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	2867772	46.651	ng	#	96
84) Di-n-octyl phthalate	22.72	149	5080598	51.029	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	4168925	40.253	ng	#	85
87) Benzo(b)fluoranthene	23.62	252	4043593	47.203	ng	#	96
88) Benzo(k)fluoranthene	23.67	252	3798706	44.029	ng	#	95
89) Benzo(a)pyrene	24.27	252	3835045	46.683	ng	#	94
90) Dibenzo(a,h)anthracene	26.94	278	3527333	41.059	ng	#	90
91) Benzo(g,h,i)perylene	27.73	276	3410812	39.264	ng	#	87

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

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