Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022667.D
Acq On : 28 Jun 2016 7:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc : LOO20-PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 28 07:57:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	208892	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	863618	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	618704	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1522789	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1683130	20.00	ng		0.01
86) Perylene-d12	25.21	264	1798100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	994234	76.34	ng		0.00
7) Phenol-d6	7.31	99	1455352	79.28	ng		0.00
23) Nitrobenzene-d5	9.34	82	1577263	77.30	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	802632	82.48	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2823556	72.37	ng		0.00
78) Terphenyl-d14	20.16	244	3697067	58.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	209642	39.72	ng	#	94
3) Pyridine	3.99	79	675397	45.74	ng	#	92
4) n-Nitrosodimethylamine	3.90	42	295230	34.96	ng		96
6) Aniline	7.49	93	1016166	41.75	ng		97
8) 2-Chlorophenol	7.73	128	525123	38.93	ng		98
9) Benzaldehyde	7.29	77	322219	49.88	ng		91
10) Phenol	7.34	94	790444	40.74	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	593519	37.16	ng		95
12) 1,3-Dichlorobenzene	8.05	146	617906	37.64	ng		95
13) 1,4-Dichlorobenzene	8.20	146	623769	37.90	ng		96
14) 1,2-Dichlorobenzene	8.52	146	603657	38.57	ng		93
15) Benzyl Alcohol	8.40	79	725521	42.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	673908	38.15	ng		99
17) 2-Methylphenol	8.60	107	511590	40.00	ng		97
18) Hexachloroethane	9.25	117	262826	38.58	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	599567	39.22	ng		95
20) 3+4-Methylphenols	8.93	107	716390	40.67	ng		95
22) Acetophenone	8.99	105	978047	39.17	ng	#	93
24) Nitrobenzene	9.38	77	859959	38.13	ng		92
25) Isophorone	9.90	82	1525700	38.52	ng		98
26) 2-Nitrophenol	10.09	139	343230	42.25	ng		93
27) 2,4-Dimethylphenol	10.14	122	572125	36.86	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	851706	39.38	ng		99
29) 2,4-Dichlorophenol	10.63	162	641330	42.41	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	707929	39.43	ng		98
31) Naphthalene	11.04	128	1657913	38.19	ng		98
32) Benzoic acid	10.29	122	427594	42.77	ng		95
33) 4-Chloroaniline	11.14	127	800599	42.82	ng		95
34) Hexachlorobutadiene	11.32	225	543447	38.94	ng		95
35) Caprolactam	11.93	113	231472	48.59	ng		97
36) 4-Chloro-3-methylphenol	12.25	107	777709	41.90	ng		95
37) 2-Methylnaphthalene	12.63	142	1311948	38.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	895984	38.36	ng		98
40) Hexachlorocyclopentadiene	12.97	237	650585	34.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	620347	41.42	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	651329	41.56	ng		93
45) 1,1'-Biphenyl	13.63	154	1727880	36.66	ng		95
46) 2-Chloronaphthalene	13.68	162	1458048	37.60	ng		98
47) 2-Nitroaniline	13.88	65	615963	41.15	ng		92
48) Acenaphthylene	14.52	152	2074538	36.88	ng		96
49) Dimethylphthalate	14.25	163	1883374	36.69	ng	#	94
50) 2,6-Dinitrotoluene	14.37	165	461989	41.42	ng		85
51) Acenaphthene	14.87	154	1412947	34.10	ng		96
52) 3-Nitroaniline	14.71	138	439120	42.08	ng		89
53) 2,4-Dinitrophenol	14.90	184	305659	44.50	ng		94
54) Dibenzofuran	15.20	168	2190754	36.50	ng		97
55) 4-Nitrophenol	15.00	139	353261	40.03	ng		96
56) 2,4-Dinitrotoluene	15.15	165	665616	43.08	ng		96
57) Fluorene	15.85	166	1816215	37.92	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	680378	41.87	ng		99
59) Diethylphthalate	15.61	149	1950359	36.96	ng		93
60) 4-Chlorophenyl-phenylether	15.83	204	1104150	38.72	ng		98
61) 4-Nitroaniline	15.87	138	445456	41.37	ng		91
62) Azobenzene	16.13	77	2052859	35.93	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	439836	43.07	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1692650	38.20	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	773694	39.16	ng		94
67) Hexachlorobenzene	16.86	284	818481	39.18	ng		96
68) Atrazine	17.00	200	754614	40.33	ng		94
69) Pentachlorophenol	17.20	266	581925	40.48	ng		99
70) Phenanthrene	17.60	178	2784483	35.86	ng	#	90
71) Anthracene	17.69	178	2853727	35.70	ng	#	90
72) Carbazole	17.96	167	2510246	37.05	ng		94
73) Di-n-butylphthalate	18.51	149	2852278	36.15	ng	#	92
74) Fluoranthene	19.61	202	3184153	35.59	ng		90
76) Benzidine	19.78	184	1076746	60.09	ng		99
77) Pyrene	19.97	202	3205982	35.76	ng	#	89
79) Butylbenzylphthalate	20.84	149	1498150	38.61	ng		94
80) Benzo(a)anthracene	21.83	228	3494349	37.52	ng		90
81) 3,3'-Dichlorobenzidine	21.74	252	1465782	38.10	ng	#	97
82) Chrysene	21.90	228	3252193	37.16	ng	#	88
83) Bis(2-ethylhexyl)phthalate	21.72	149	1989775	36.42	ng		93
84) Di-n-octyl phthalate	22.98	149	3257319	36.16	ng		99
85) Indeno(1,2,3-cd)pyrene	29.07	276	4545148	39.52	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3901691	36.09	ng	#	93
88) Benzo(k)fluoranthene	24.21	252	3763318	36.82	ng	#	93
89) Benzo(a)pyrene	25.05	252	3863080	36.65	ng	#	94
90) Dibenzo(a,h)anthracene	29.13	278	3737933	37.67	ng	#	94
91) Benzo(g,h,i)perylene	30.27	276	3635330	35.99	ng	#	94

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

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