Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023427.D
Acq On : 3 Aug 2016 15:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 04 02:31:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	121902	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	591248	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	443944	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1095233	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1086661	20.00	ng		0.00
86) Perylene-d12	25.24	264	1058513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	584910	80.77	ng		0.00
7) Phenol-d6	7.28	99	923630	81.88	ng		0.00
23) Nitrobenzene-d5	9.30	82	931359	78.31	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	535155	82.41	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1969757	74.84	ng		0.00
78) Terphenyl-d14	20.15	244	2775936	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	110566	35.83	ng	#	90
3) Pyridine	3.93	79	366143	36.11	ng		95
4) n-Nitrosodimethylamine	3.84	42	148882	39.60	ng	#	72
6) Aniline	7.43	93	573332	35.18	ng		95
8) 2-Chlorophenol	7.68	128	312025	37.50	ng		97
9) Benzaldehyde	7.25	77	268529	42.52	ng		94
10) Phenol	7.30	94	467434	38.74	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	365732	38.00	ng		93
12) 1,3-Dichlorobenzene	8.00	146	361996	38.00	ng		95
13) 1,4-Dichlorobenzene	8.15	146	374266	38.38	ng		94
14) 1,2-Dichlorobenzene	8.47	146	359040	37.54	ng		93
15) Benzyl Alcohol	8.36	79	359410	42.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	518967	36.66	ng		91
17) 2-Methylphenol	8.56	107	322264	39.84	ng	#	87
18) Hexachloroethane	9.21	117	144328	39.32	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	369027	38.04	ng		99
20) 3+4-Methylphenols	8.90	107	444583	38.98	ng		92
22) Acetophenone	8.95	105	602755	37.23	ng	#	90
24) Nitrobenzene	9.34	77	544808	41.37	ng	#	90
25) Isophorone	9.86	82	1010668	40.80	ng		96
26) 2-Nitrophenol	10.05	139	223892	40.28	ng	#	79
27) 2,4-Dimethylphenol	10.11	122	364302	38.49	ng		86
28) bis(2-Chloroethoxy)methane	10.34	93	526750	35.37	ng		100
29) 2,4-Dichlorophenol	10.60	162	387201	40.69	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	398227	38.80	ng		97
31) Naphthalene	11.00	128	1153142	38.30	ng		99
32) Benzoic acid	10.27	122	312629	37.51	ng		97
33) 4-Chloroaniline	11.11	127	519464	36.09	ng		92
34) Hexachlorobutadiene	11.28	225	273111	40.46	ng		94
35) Caprolactam	11.89	113	158822	39.67	ng		96
36) 4-Chloro-3-methylphenol	12.24	107	501558	40.12	ng		95
37) 2-Methylnaphthalene	12.60	142	868827	37.96	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	612122	38.02	ng		99
40) Hexachlorocyclopentadiene	12.95	237	292266	36.00	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	368053	38.38	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	374534	37.94	ng	#	96
45) 1,1'-Biphenyl	13.61	154	1261733	37.18	ng		97
46) 2-Chloronaphthalene	13.66	162	964754	36.75	ng		95
47) 2-Nitroaniline	13.87	65	407396	37.37	ng		91
48) Acenaphthylene	14.51	152	1576521	37.99	ng		98
49) Dimethylphthalate	14.23	163	1348534	39.59	ng		98
50) 2,6-Dinitrotoluene	14.36	165	311434	38.61	ng	#	81
51) Acenaphthene	14.85	154	998745	37.99	ng		99
52) 3-Nitroaniline	14.70	138	324708	35.70	ng	#	83
53) 2,4-Dinitrophenol	14.90	184	203921	39.44	ng	#	87
54) Dibenzofuran	15.18	168	1456793	38.17	ng		95
55) 4-Nitrophenol	15.01	139	258263	36.15	ng	#	84
56) 2,4-Dinitrotoluene	15.15	165	460614	40.69	ng		91
57) Fluorene	15.84	166	1291565	38.77	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	362785	40.04	ng		96
59) Diethylphthalate	15.59	149	1387394	40.13	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	680441	38.60	ng		99
61) 4-Nitroaniline	15.86	138	350370	36.18	ng	#	72
62) Azobenzene	16.12	77	1352142	38.58	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	302875	40.67	ng		97
65) n-Nitrosodiphenylamine	16.04	169	1175456	36.59	ng		94
66) 4-Bromophenyl-phenylether	16.72	248	488001	38.23	ng		96
67) Hexachlorobenzene	16.85	284	520439	37.27	ng		96
68) Atrazine	16.99	200	486701	39.46	ng		96
69) Pentachlorophenol	17.19	266	328011	40.29	ng		98
70) Phenanthrene	17.59	178	2061483	37.09	ng		96
71) Anthracene	17.68	178	2097515	37.53	ng		96
72) Carbazole	17.96	167	1917731	39.07	ng		99
73) Di-n-butylphthalate	18.50	149	2185214	43.67	ng		98
74) Fluoranthene	19.60	202	2383555	45.76	ng		95
76) Benzidine	19.78	184	1176778	38.96	ng		98
77) Pyrene	19.96	202	2364668	36.82	ng		98
79) Butylbenzylphthalate	20.84	149	1027143	39.25	ng		94
80) Benzo(a)anthracene	21.84	228	2245320	37.43	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	903767	36.73	ng	#	96
82) Chrysene	21.91	228	2139469	37.49	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1368284	38.19	ng	#	99
84) Di-n-octyl phthalate	22.98	149	2249005	36.78	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2634856	36.95	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2240432	37.62	ng	#	97
88) Benzo(k)fluoranthene	24.24	252	2227500	38.94	ng	#	97
89) Benzo(a)pyrene	25.08	252	2173754	38.38	ng	#	96
90) Dibenzo(a,h)anthracene	29.18	278	2211148	38.21	ng	#	93
91) Benzo(g,h,i)perylene	30.32	276	2170981	37.26	ng	#	93

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

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