Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020044.D
Acq On : 9 Dec 2015 15:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 01:14:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22724	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	99472	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	68481	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	169939	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	206228	20.00	ng		-0.04
86) Perylene-d12	25.04	264	197652	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	108547	86.33	ng		-0.01
7) Phenol-d6	7.26	99	163934	86.36	ng		-0.01
23) Nitrobenzene-d5	9.28	82	167422	85.90	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	85423	81.53	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	413095	82.36	ng		-0.02
78) Terphenyl-d14	20.08	244	684198	80.92	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20495	41.84	ng	#	100
3) Pyridine	3.93	79	62088	41.74	ng		92
4) n-Nitrosodimethylamine	3.84	42	29360	37.53	ng		88
6) Aniline	7.43	93	102085	41.53	ng	#	85
8) 2-Chlorophenol	7.67	128	65347	42.62	ng		97
9) Benzaldehyde	7.24	77	45925	36.28	ng		93
10) Phenol	7.29	94	86821	43.46	ng		78
11) bis(2-Chloroethyl)ether	7.53	93	63123	42.66	ng		92
12) 1,3-Dichlorobenzene	8.00	146	72038	41.45	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	73740m	41.09	ng		
14) 1,2-Dichlorobenzene	8.47	146	70456	41.16	ng		95
15) Benzyl Alcohol	8.35	79	64546	38.75	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	97447	40.38	ng		94
17) 2-Methylphenol	8.55	107	60359	42.79	ng	#	92
18) Hexachloroethane	9.20	117	27487	40.90	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	57572	38.46	ng		91
20) 3+4-Methylphenols	8.88	107	84635	42.61	ng		94
22) Acetophenone	8.94	105	110685	40.59	ng	#	91
24) Nitrobenzene	9.32	77	90954	43.02	ng		91
25) Isophorone	9.85	82	163474	39.12	ng	#	97
26) 2-Nitrophenol	10.04	139	39128	47.92	ng	#	72
27) 2,4-Dimethylphenol	10.09	122	69102	40.64	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	84809	41.54	ng		98
29) 2,4-Dichlorophenol	10.57	162	74560	42.92	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	80867	41.19	ng		93
31) Naphthalene	10.98	128	221812	41.62	ng		100
32) Benzoic acid	10.23	122	55563	48.43	ng		87
33) 4-Chloroaniline	11.08	127	94353	40.18	ng	#	90
34) Hexachlorobutadiene	11.26	225	58622	40.48	ng		99
35) Caprolactam	11.87	113	24974	38.62	ng	#	70
36) 4-Chloro-3-methylphenol	12.19	107	86523	39.99	ng		93
37) 2-Methylnaphthalene	12.58	142	156589	40.10	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	109650	42.19	ng		99
40) Hexachlorocyclopentadiene	12.92	237	51482	34.74	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	72188	41.96	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	76775	42.22	ng		95
45) 1,1'-Biphenyl	13.58	154	228975	40.74	ng		99
46) 2-Chloronaphthalene	13.62	162	178582	41.22	ng		95
47) 2-Nitroaniline	13.82	65	60481	44.21	ng		90
48) Acenaphthylene	14.47	152	299192	40.55	ng		100
49) Dimethylphthalate	14.19	163	233257	37.87	ng		99
50) 2,6-Dinitrotoluene	14.31	165	51498	44.46	ng	#	82
51) Acenaphthene	14.81	154	181078	40.44	ng		98
52) 3-Nitroaniline	14.64	138	53142	44.16	ng		94
53) 2,4-Dinitrophenol	14.84	184	19118	36.69	ng	#	84
54) Dibenzofuran	15.13	168	264739	39.75	ng		93
55) 4-Nitrophenol	14.94	139	40673	38.81	ng	#	58
56) 2,4-Dinitrotoluene	15.09	165	73521	45.50	ng	#	91
57) Fluorene	15.79	166	229233	38.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	67595	40.17	ng		98
59) Diethylphthalate	15.55	149	243273	36.49	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	131602	38.45	ng		98
61) 4-Nitroaniline	15.80	138	56953	42.08	ng	#	80
62) Azobenzene	16.07	77	207083	37.33	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	39506	42.22	ng		94
65) n-Nitrosodiphenylamine	15.99	169	200566	40.78	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	87105	41.25	ng		96
67) Hexachlorobenzene	16.79	284	92625	42.11	ng		98
68) Atrazine	16.93	200	80724	37.78	ng		94
69) Pentachlorophenol	17.13	266	57606	44.87	ng		97
70) Phenanthrene	17.53	178	382699	39.80	ng		97
71) Anthracene	17.61	178	395369	40.37	ng		96
72) Carbazole	17.88	167	340324	39.45	ng		98
73) Di-n-butylphthalate	18.43	149	417875	39.52	ng		98
74) Fluoranthene	19.53	202	498244	40.51	ng		93
76) Benzidine	19.70	184	199052	29.38	ng		98
77) Pyrene	19.89	202	500743	41.27	ng		95
79) Butylbenzylphthalate	20.76	149	197323	41.49	ng		100
80) Benzo(a)anthracene	21.74	228	515688	40.85	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	183088	38.08	ng	#	99
82) Chrysene	21.80	228	495168	41.31	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	285633	40.93	ng	#	96
84) Di-n-octyl phthalate	22.87	149	486377	42.87	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	577995	43.78	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	504792	40.30	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	482997	38.93	ng	#	95
89) Benzo(a)pyrene	24.88	252	479106	40.29	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	475550	40.47	ng	#	91
91) Benzo(g,h,i)perylene	29.96	276	466919	40.47	ng	#	94

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

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