Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024754.D
Acq On : 8 Nov 2016 11:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
11/8/2016 4:29:47 PM

Quant Time: Nov 08 13:13:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	120556	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	484602	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	380336	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	861904	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1161829	20.00	ng		0.00
86) Perylene-d12	25.35	264	1235663	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	589528	80.15	ng		0.00
7) Phenol-d6	7.40	99	832652	82.52	ng		0.00
23) Nitrobenzene-d5	9.44	82	887365	83.37	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	533872	93.96	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1896848	82.89	ng		0.00
78) Terphenyl-d14	20.21	244	3101320	79.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	127450	42.41	ng		88
3) Pyridine	4.07	79	380754	42.32	ng		87
4) n-Nitrosodimethylamine	3.98	42	178419	38.31	ng		86
6) Aniline	7.58	93	533688	41.75	ng		98
8) 2-Chlorophenol	7.82	128	309512	41.39	ng		95
9) Benzaldehyde	7.40	77	251131	40.28	ng		98
10) Phenol	7.43	94	436166	41.94	ng		92
11) bis(2-Chloroethyl)ether	7.67	93	327315	41.89	ng		85
12) 1,3-Dichlorobenzene	8.15	146	381174	41.17	ng		98
13) 1,4-Dichlorobenzene	8.30	146	377345	41.26	ng		98
14) 1,2-Dichlorobenzene	8.62	146	356401	40.54	ng		94
15) Benzyl Alcohol	8.50	79	393710	41.95	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.78	45	553768	38.20	ng		95
17) 2-Methylphenol	8.70	107	289459	42.00	ng		96
18) Hexachloroethane	9.35	117	150245	42.74	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	313831	42.20	ng		91
20) 3+4-Methylphenols	9.02	107	400055	43.23	ng		97
22) Acetophenone	9.09	105	517576	41.58	ng	#	90
24) Nitrobenzene	9.48	77	480610	40.59	ng		93
25) Isophorone	10.00	82	812726	41.05	ng		99
26) 2-Nitrophenol	10.19	139	195204	44.42	ng		92
27) 2,4-Dimethylphenol	10.23	122	323386	42.03	ng		90
28) bis(2-Chloroethoxy)methane	10.48	93	420046	41.01	ng		98
29) 2,4-Dichlorophenol	10.73	162	358170	44.35	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	397987	41.55	ng		96
31) Naphthalene	11.15	128	1014133	41.95	ng		100
32) Benzoic acid	10.38	122	252112	39.35	ng		96
33) 4-Chloroaniline	11.25	127	456923	43.54	ng		96
34) Hexachlorobutadiene	11.41	225	324637	43.30	ng		98
35) Caprolactam	12.03	113	126610	42.83	ng	#	90
36) 4-Chloro-3-methylphenol	12.34	107	424887	43.58	ng		96
37) 2-Methylnaphthalene	12.73	142	764891	43.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	548512	42.76	ng		97
40) Hexachlorocyclopentadiene	13.06	237	313284	43.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	334505	43.38	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	351550	42.17	ng		95
45) 1,1'-Biphenyl	13.72	154	1100724	41.71	ng		98
46) 2-Chloronaphthalene	13.77	162	847099	42.15	ng		98
47) 2-Nitroaniline	13.97	65	345348	41.97	ng	#	89
48) Acenaphthylene	14.61	152	1297559	42.10	ng		99
49) Dimethylphthalate	14.32	163	1142787	42.32	ng		100
50) 2,6-Dinitrotoluene	14.45	165	260457	45.19	ng		84
51) Acenaphthene	14.95	154	876325	38.14	ng		96
52) 3-Nitroaniline	14.79	138	252282	42.30	ng		98
53) 2,4-Dinitrophenol	14.99	184	222131	53.18	ng		98
54) Dibenzofuran	15.28	168	1341945	42.25	ng		97
55) 4-Nitrophenol	15.08	139	209052	40.23	ng		92
56) 2,4-Dinitrotoluene	15.23	165	374155	44.67	ng	#	95
57) Fluorene	15.92	166	1108064	42.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	382757	44.28	ng	#	92
59) Diethylphthalate	15.68	149	1166537	41.21	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	632016	42.76	ng		95
61) 4-Nitroaniline	15.95	138	288191	44.23	ng		98
62) Azobenzene	16.20	77	1129834	40.02	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	276944	46.64	ng		96
65) n-Nitrosodiphenylamine	16.12	169	994364	42.20	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	461705	44.13	ng		97
67) Hexachlorobenzene	16.93	284	517966	44.80	ng	#	84
68) Atrazine	17.06	200	398695	39.45	ng		96
69) Pentachlorophenol	17.27	266	315975	41.42	ng		95
70) Phenanthrene	17.67	178	1815211	41.32	ng		97
71) Anthracene	17.76	178	1864161	42.06	ng		99
72) Carbazole	18.03	167	1675637	41.45	ng		97
73) Di-n-butylphthalate	18.55	149	1923733	41.28	ng		98
74) Fluoranthene	19.66	202	2328287	41.92	ng		98
76) Benzidine	19.84	184	946562	34.58	ng	#	94
77) Pyrene	20.02	202	2369833	41.73	ng		96
79) Butylbenzylphthalate	20.88	149	979805	41.38	ng		99
80) Benzo(a)anthracene	21.90	228	2587534	40.54	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	1037313	40.28	ng	#	96
82) Chrysene	21.97	228	2491814	40.99	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1356689	40.05	ng		99
84) Di-n-octyl phthalate	23.04	149	2287515	40.69	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3347498	39.89	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	2748887	41.16	ng		99
88) Benzo(k)fluoranthene	24.33	252	2659193m	41.23	ng		
89) Benzo(a)pyrene	25.19	252	2695644	41.30	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	2846094	39.73	ng	#	94
91) Benzo(g,h,i)perylene	30.55	276	2844324	39.75	ng		98

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

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