Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
Data File : BG023321.D
Acq On : 29 Jul 2016 1:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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7/29/2016 6:22:21 PM

Quant Time: Jul 29 13:43:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	194990	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	926865	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	635157	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1365772	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1369055	20.00	ng		0.00
86) Perylene-d12	25.30	264	1399100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	891192	78.02	ng		0.00
7) Phenol-d6	7.29	99	1373326	78.32	ng		0.00
23) Nitrobenzene-d5	9.31	82	1330393	70.19	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	630573	95.92	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2658770	78.35	ng		0.00
78) Terphenyl-d14	20.18	244	3075861	73.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	175688	35.86	ng	#	92
3) Pyridine	3.94	79	553219m	32.27	ng		
4) n-Nitrosodimethylamine	3.85	42	224751	29.01	ng	#	69
6) Aniline	7.45	93	856463	36.57	ng		97
8) 2-Chlorophenol	7.70	128	499624	39.21	ng		96
9) Benzaldehyde	7.26	77	431825	34.28	ng		93
10) Phenol	7.32	94	706608	38.19	ng	#	80
11) bis(2-Chloroethyl)ether	7.55	93	558723	35.53	ng		92
12) 1,3-Dichlorobenzene	8.02	146	568089m	39.56	ng		
13) 1,4-Dichlorobenzene	8.17	146	571456	39.00	ng		96
14) 1,2-Dichlorobenzene	8.49	146	553863	39.19	ng		93
15) Benzyl Alcohol	8.37	79	474713	40.22	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	869928	34.76	ng		91
17) 2-Methylphenol	8.59	107	484932	38.34	ng	#	88
18) Hexachloroethane	9.23	117	218044	35.72	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	552703	35.04	ng		100
20) 3+4-Methylphenols	8.91	107	696749	40.52	ng		91
22) Acetophenone	8.97	105	908981	37.56	ng	#	90
24) Nitrobenzene	9.36	77	807302	36.68	ng		91
25) Isophorone	9.88	82	1459725	37.29	ng	#	93
26) 2-Nitrophenol	10.07	139	333250	40.09	ng	#	75
27) 2,4-Dimethylphenol	10.13	122	558959	39.89	ng		84
28) bis(2-Chloroethoxy)methane	10.37	93	802126	36.52	ng		97
29) 2,4-Dichlorophenol	10.62	162	564467	41.61	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	596689	39.80	ng		96
31) Naphthalene	11.02	128	1701785	39.52	ng		98
32) Benzoic acid	10.28	122	386522	36.27	ng	#	86
33) 4-Chloroaniline	11.14	127	770358	38.72	ng		91
34) Hexachlorobutadiene	11.31	225	387006	39.39	ng		96
35) Caprolactam	11.92	113	219280	38.01	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	713090	40.01	ng		94
37) 2-Methylnaphthalene	12.63	142	1281343m	40.13	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	839912	40.84	ng		99
40) Hexachlorocyclopentadiene	12.97	237	381328	39.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	516402	42.76	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	536663	41.89	ng		93
45) 1,1'-Biphenyl	13.64	154	1779076	40.16	ng		92
46) 2-Chloronaphthalene	13.69	162	1375765	38.76	ng		97
47) 2-Nitroaniline	13.89	65	550614	36.67	ng	#	87
48) Acenaphthylene	14.53	152	2146509	39.50	ng		94
49) Dimethylphthalate	14.25	163	1767416	37.71	ng		97
50) 2,6-Dinitrotoluene	14.38	165	420677	38.33	ng	#	79
51) Acenaphthene	14.87	154	1384769	39.28	ng		97
52) 3-Nitroaniline	14.72	138	434502	39.30	ng	#	79
53) 2,4-Dinitrophenol	14.92	184	219420	34.14	ng	#	87
54) Dibenzofuran	15.21	168	1909314	38.28	ng		97
55) 4-Nitrophenol	15.04	139	339370	35.39	ng	#	75
56) 2,4-Dinitrotoluene	15.17	165	589194	38.12	ng		94
57) Fluorene	15.86	166	1684974	38.26	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	439941	40.56	ng		93
59) Diethylphthalate	15.62	149	1766944	36.80	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	902239	37.84	ng		98
61) 4-Nitroaniline	15.89	138	446977	38.56	ng	#	61
62) Azobenzene	16.14	77	1762199	35.40	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	360659	41.11	ng		93
65) n-Nitrosodiphenylamine	16.06	169	1531495	42.00	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	610599	44.22	ng		98
67) Hexachlorobenzene	16.87	284	636459	45.84	ng		97
68) Atrazine	17.02	200	588119	42.05	ng		95
69) Pentachlorophenol	17.22	266	369555	43.12	ng		96
70) Phenanthrene	17.61	178	2476750m	41.46	ng		
71) Anthracene	17.71	178	2527882	41.88	ng		94
72) Carbazole	17.98	167	2293445	41.49	ng		95
73) Di-n-butylphthalate	18.52	149	2610493	42.32	ng		97
74) Fluoranthene	19.63	202	2696702	39.56	ng		91
76) Benzidine	19.81	184	1383490	35.93	ng		98
77) Pyrene	19.99	202	2722480	35.04	ng		93
79) Butylbenzylphthalate	20.86	149	1334901	39.05	ng		97
80) Benzo(a)anthracene	21.87	228	2726334	38.04	ng		97
81) 3,3'-Dichlorobenzidine	21.79	252	1190819	40.98	ng	#	94
82) Chrysene	21.94	228	2587470	37.36	ng		93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1845388	38.58	ng		95
84) Di-n-octyl phthalate	23.03	149	3002610	38.38	ng		99
85) Indeno(1,2,3-cd)pyrene	29.21	276	3562431	44.10	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2974840	40.02	ng	#	95
88) Benzo(k)fluoranthene	24.29	252	2796029	37.63	ng	#	91
89) Benzo(a)pyrene	25.14	252	2875101	39.47	ng	#	96
90) Dibenzo(a,h)anthracene	29.28	278	2925811	42.47	ng	#	89
91) Benzo(g,h,i)perylene	30.43	276	2932026	40.42	ng	#	89

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

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