Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023922.D
Acq On : 26 Aug 2016 12:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/26/2016 5:56:15 PM

Quant Time: Aug 26 13:19:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 11:26:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	263944	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	1101797	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	710726	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	1530903	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1564059	20.00	ng		0.00
86) Perylene-d12	25.23	264	1597699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1128246	71.95	ng		0.00
7) Phenol-d6	7.26	99	1690428	69.21	ng		0.00
23) Nitrobenzene-d5	9.28	82	1825016	82.35	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	692348	66.60	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	3048476	72.35	ng		0.00
78) Terphenyl-d14	20.14	244	3541935	61.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	231265	34.62	ng		92
3) Pyridine	3.90	79	731407	33.32	ng		94
4) n-Nitrosodimethylamine	3.82	42	360473	44.29	ng	#	91
6) Aniline	7.42	93	1166565	33.06	ng		98
8) 2-Chlorophenol	7.66	128	684318	37.99	ng		97
9) Benzaldehyde	7.22	77	591664	43.57	ng		93
10) Phenol	7.29	94	942259	36.06	ng		88
11) bis(2-Chloroethyl)ether	7.51	93	762304	36.58	ng		90
12) 1,3-Dichlorobenzene	7.98	146	796826	38.63	ng		94
13) 1,4-Dichlorobenzene	8.13	146	801236	37.95	ng		94
14) 1,2-Dichlorobenzene	8.45	146	760577	36.72	ng		95
15) Benzyl Alcohol	8.34	79	789344	42.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	1156727	37.74	ng		90
17) 2-Methylphenol	8.55	107	649061	37.06	ng		92
18) Hexachloroethane	9.18	117	329436	41.45	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	719491	34.25	ng		97
20) 3+4-Methylphenols	8.89	107	890715	36.07	ng		92
22) Acetophenone	8.93	105	1174445	38.93	ng	#	95
24) Nitrobenzene	9.32	77	1085786	44.24	ng	#	91
25) Isophorone	9.84	82	1836134	39.78	ng	#	94
26) 2-Nitrophenol	10.04	139	455479	43.97	ng	#	81
27) 2,4-Dimethylphenol	10.10	122	703933	39.91	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	988146	35.61	ng		98
29) 2,4-Dichlorophenol	10.58	162	727720	41.04	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	790274	41.32	ng		98
31) Naphthalene	10.98	128	2111811	37.64	ng		96
32) Benzoic acid	10.32	122	576993	37.21	ng		95
33) 4-Chloroaniline	11.09	127	941894	35.12	ng		97
34) Hexachlorobutadiene	11.25	225	556807	44.27	ng		96
35) Caprolactam	11.92	113	259094m	34.73	ng		
36) 4-Chloro-3-methylphenol	12.23	107	876005	37.60	ng		93
37) 2-Methylnaphthalene	12.59	142	1537075	36.03	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	1051694	40.81	ng		98
40) Hexachlorocyclopentadiene	12.93	237	491966	37.85	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	615909	40.12	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	615132	38.92	ng		94
45) 1,1'-Biphenyl	13.60	154	2011103	37.02	ng		90
46) 2-Chloronaphthalene	13.64	162	1612799	38.37	ng		92
47) 2-Nitroaniline	13.86	65	689536	39.51	ng		90
48) Acenaphthylene	14.49	152	2420798	36.44	ng		92
49) Dimethylphthalate	14.22	163	2096470	38.45	ng	#	95
50) 2,6-Dinitrotoluene	14.35	165	495209	38.35	ng	#	83
51) Acenaphthene	14.84	154	1593473	37.86	ng		98
52) 3-Nitroaniline	14.69	138	507954	34.88	ng	#	84
53) 2,4-Dinitrophenol	14.90	184	374806	45.28	ng		91
54) Dibenzofuran	15.17	168	2164225	35.42	ng		95
55) 4-Nitrophenol	15.02	139	347762	30.41	ng		91
56) 2,4-Dinitrotoluene	15.15	165	698106	38.52	ng		98
57) Fluorene	15.82	166	1925626	36.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	522999	36.06	ng		91
59) Diethylphthalate	15.58	149	2044181	36.93	ng		93
60) 4-Chlorophenyl-phenylether	15.81	204	1052567	37.30	ng		96
61) 4-Nitroaniline	15.86	138	507601	32.74	ng	#	72
62) Azobenzene	16.10	77	2077598	37.03	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	430201	41.33	ng		88
65) n-Nitrosodiphenylamine	16.03	169	1729767	38.52	ng	#	91
66) 4-Bromophenyl-phenylether	16.70	248	726107	40.69	ng		97
67) Hexachlorobenzene	16.83	284	772513	39.57	ng		96
68) Atrazine	16.98	200	713790	41.40	ng		96
69) Pentachlorophenol	17.19	266	366663	32.22	ng		99
70) Phenanthrene	17.57	178	2796608	36.00	ng	#	89
71) Anthracene	17.67	178	2859394	36.60	ng	#	89
72) Carbazole	17.94	167	2631206	38.35	ng	#	92
73) Di-n-butylphthalate	18.48	149	2993678	42.62	ng	#	93
74) Fluoranthene	19.59	202	3091467	41.69	ng		86
76) Benzidine	19.77	184	1606774	36.96	ng		98
77) Pyrene	19.95	202	3163398	33.45	ng	#	90
79) Butylbenzylphthalate	20.82	149	1587203	42.14	ng		98
80) Benzo(a)anthracene	21.83	228	3224781	37.35	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	1334702	37.69	ng	#	92
82) Chrysene	21.90	228	3004730	36.58	ng	#	88
83) Bis(2-ethylhexyl)phthalate	21.70	149	2143748	41.57	ng		95
84) Di-n-octyl phthalate	22.96	149	3515846	39.94	ng		96
85) Indeno(1,2,3-cd)pyrene	29.12	276	4113878	40.08	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	3422123	38.07	ng	#	93
88) Benzo(k)fluoranthene	24.23	252	3302363	38.25	ng	#	93
89) Benzo(a)pyrene	25.08	252	3372431	39.45	ng	#	95
90) Dibenzo(a,h)anthracene	29.19	278	3443418	39.43	ng	#	89
91) Benzo(g,h,i)perylene	30.35	276	3354558	38.14	ng	#	89

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

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