Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017925.D
Acq On : 17 Jul 2015 15:00
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
7/20/2015 3:26:05 PM

Quant Time: Jul 17 16:03:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 15:14:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	96357	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	434218	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	253184	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	524627	20.00	ng		0.00
75) Chrysene-d12	21.20	240	536892	20.00	ng		0.00
86) Perylene-d12	23.42	264	516202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	977901	90.12	ng		0.00
7) Phenol-d6	6.78	99	1266158	88.87	ng		0.01
23) Nitrobenzene-d5	8.74	82	1192731	90.65	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	501652	107.38	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	2284966	77.91	ng		0.00
78) Terphenyl-d14	19.65	244	2938417	67.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	205146	85.30	ng	#	92
3) Pyridine	3.53	79	597784	94.53	ng		89
4) n-Nitrosodimethylamine	3.45	42	226296	94.21	ng	#	72
6) Aniline	6.93	93	857000	90.47	ng		96
8) 2-Chlorophenol	7.16	128	586777	92.05	ng		96
9) Benzaldehyde	6.74	77	314125	69.52	ng		93
10) Phenol	6.80	94	686613	90.58	ng		95
11) bis(2-Chloroethyl)ether	7.03	93	530395	89.23	ng		95
12) 1,3-Dichlorobenzene	7.48	146	625258	88.82	ng		97
13) 1,4-Dichlorobenzene	7.62	146	639761	88.62	ng		99
14) 1,2-Dichlorobenzene	7.93	146	598067	86.37	ng		98
15) Benzyl Alcohol	7.83	79	494280	94.78	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.13	45	613803	85.11	ng		94
17) 2-Methylphenol	8.03	107	478102	90.44	ng		98
18) Hexachloroethane	8.66	117	246700	90.84	ng		99
19) n-Nitroso-di-n-propylamine	8.40	70	472641	91.24	ng		89
20) 3+4-Methylphenols	8.37	107	658379	92.32	ng		99
22) Acetophenone	8.41	105	817299	88.46	ng		95
24) Nitrobenzene	8.79	77	641662	91.71	ng		91
25) Isophorone	9.31	82	1245010	90.15	ng		97
26) 2-Nitrophenol	9.49	139	332414	102.01	ng		89
27) 2,4-Dimethylphenol	9.56	122	555749	91.47	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	682314	88.39	ng		98
29) 2,4-Dichlorophenol	10.02	162	526496	98.48	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	570295	88.17	ng		97
31) Naphthalene	10.42	128	1747429	82.60	ng		96
32) Benzoic acid	9.76	122	302128	155.43	ng		91
33) 4-Chloroaniline	10.53	127	846293	91.12	ng		96
34) Hexachlorobutadiene	10.71	225	333069	92.01	ng		96
35) Caprolactam	11.34	113	263813	97.40	ng		91
36) 4-Chloro-3-methylphenol	11.68	107	581256	95.23	ng		91
37) 2-Methylnaphthalene	12.04	142	1283425	84.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	611836	92.10	ng		98
40) Hexachlorocyclopentadiene	12.40	237	362184	102.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	423219	104.15	ng		99
43) 2,4,5-Trichlorophenol	12.73	196	445546	100.66	ng		97
45) 1,1'-Biphenyl	13.08	154	1493947	85.04	ng		97
46) 2-Chloronaphthalene	13.11	162	1249583	88.27	ng		98
47) 2-Nitroaniline	13.33	65	368535	103.43	ng		87
48) Acenaphthylene	13.97	152	1973701	82.80	ng	#	93
49) Dimethylphthalate	13.72	163	1499320	86.19	ng		98
50) 2,6-Dinitrotoluene	13.83	165	380510	103.60	ng		91
51) Acenaphthene	14.31	154	1218374	84.68	ng		98
52) 3-Nitroaniline	14.17	138	430116	99.31	ng		94
53) 2,4-Dinitrophenol	14.37	184	181835	131.45	ng		95
54) Dibenzofuran	14.65	168	1723725	82.75	ng		94
55) 4-Nitrophenol	14.48	139	350073	103.63	ng		86
56) 2,4-Dinitrotoluene	14.63	165	511854	99.69	ng		95
57) Fluorene	15.30	166	1504486	84.25	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.88	232	369273	96.55	ng		97
59) Diethylphthalate	15.09	149	1547101	85.81	ng		96
60) 4-Chlorophenyl-phenylether	15.30	204	777405	89.64	ng		97
61) 4-Nitroaniline	15.34	138	486263	100.55	ng		91
62) Azobenzene	15.60	77	1409692	84.40	ng		92
64) 4,6-Dinitro-2-methylphenol	15.39	198	289136	114.54	ng		91
65) n-Nitrosodiphenylamine	15.52	169	1364122	87.66	ng		98
66) 4-Bromophenyl-phenylether	16.19	248	475761	92.53	ng		96
67) Hexachlorobenzene	16.31	284	529340	92.79	ng		94
68) Atrazine	16.48	200	440585	85.93	ng		96
69) Pentachlorophenol	16.65	266	309985	109.42	ng		97
70) Phenanthrene	17.04	178	2122692	78.19	ng	#	92
71) Anthracene	17.14	178	2106930	80.03	ng	#	88
72) Carbazole	17.41	167	2020791	81.44	ng		93
73) Di-n-butylphthalate	17.98	149	2375423	77.56	ng	#	93
74) Fluoranthene	19.07	202	2290667	76.89	ng		90
76) Benzidine	19.26	184	1216536	79.74	ng	#	91
77) Pyrene	19.43	202	2322438	77.17	ng	#	90
79) Butylbenzylphthalate	20.35	149	1224156	93.48	ng		95
80) Benzo(a)anthracene	21.19	228	2215986	77.85	ng	#	87
81) 3,3'-Dichlorobenzidine	21.13	252	943135	94.01	ng		95
82) Chrysene	21.24	228	2100997	77.44	ng	#	88
83) Bis(2-ethylhexyl)phthalate	21.13	149	1621160	89.24	ng	#	89
84) Di-n-octyl phthalate	22.00	149	2553559	89.23	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.68	276	2945050	92.12	ng		99
87) Benzo(b)fluoranthene	22.75	252	2357669	84.08	ng		96
88) Benzo(k)fluoranthene	22.80	252	2342352m	83.59	ng		
89) Benzo(a)pyrene	23.33	252	2297105	88.64	ng		96
90) Dibenzo(a,h)anthracene	25.70	278	2444096	91.40	ng		97
91) Benzo(g,h,i)perylene	26.38	276	2374517	92.22	ng		96

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

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