Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084186.D
Acq On : 31 Dec 2015 10:14
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
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1/4/2016 4:28:29 PM

Quant Time: Dec 31 13:13:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:25:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	332456	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1400181	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	631300	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1168607	20.00	ng		0.00
75) Chrysene-d12	14.07	240	995932	20.00	ng		0.00
86) Perylene-d12	15.51	264	726349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1070795	24.97	ng		0.00
7) Phenol-d6	6.52	99	1275354	23.45	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1288841	25.18	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	313823	22.94	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1923429	21.45	ng		0.00
78) Terphenyl-d14	13.01	244	1990201	22.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	246808	25.19	ng	#	74
3) Pyridine	3.26	79	672706	28.49	ng	#	73
4) n-Nitrosodimethylamine	3.21	42	347914	26.54	ng	#	80
6) Aniline	6.56	93	931478	23.51	ng	#	82
8) 2-Chlorophenol	6.68	128	602302	24.75	ng		91
9) Benzaldehyde	6.44	77	446856	23.17	ng		92
10) Phenol	6.53	94	698837	22.24	ng		95
11) bis(2-Chloroethyl)ether	6.64	93	624836	26.81	ng		85
12) 1,3-Dichlorobenzene	6.84	146	639618m	25.26	ng		
13) 1,4-Dichlorobenzene	6.92	146	637646	24.46	ng		93
14) 1,2-Dichlorobenzene	7.07	146	572981	22.37	ng		95
15) Benzyl Alcohol	7.04	79	535624	22.99	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1051159	24.09	ng		83
17) 2-Methylphenol	7.15	107	478145	23.51	ng		98
18) Hexachloroethane	7.41	117	239066	24.49	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	433604	24.21	ng	#	84
20) 3+4-Methylphenols	7.31	107	623104	25.33	ng		94
22) Acetophenone	7.31	105	801117	22.45	ng	#	87
24) Nitrobenzene	7.48	77	606043	23.21	ng		94
25) Isophorone	7.72	82	1131371	23.00	ng		96
26) 2-Nitrophenol	7.80	139	300219	27.28	ng	#	85
27) 2,4-Dimethylphenol	7.84	122	551363	22.50	ng		95
28) bis(2-Chloroethoxy)methane	7.94	93	774084	25.84	ng		99
29) 2,4-Dichlorophenol	8.04	162	499865	25.26	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	518693	24.54	ng	#	93
31) Naphthalene	8.21	128	1722326	24.84	ng		99
32) Benzoic acid	7.93	122	332321m	32.07	ng		
33) 4-Chloroaniline	8.26	127	800778	26.37	ng		95
34) Hexachlorobutadiene	8.33	225	279839	23.99	ng		97
35) Caprolactam	8.62	113	170295	25.41	ng	#	81
36) 4-Chloro-3-methylphenol	8.74	107	552566	24.64	ng		93
37) 2-Methylnaphthalene	8.90	142	1081203	22.61	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	498556	24.94	ng		99
40) Hexachlorocyclopentadiene	9.06	237	301820	27.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	327695	22.72	ng		96
43) 2,4,5-Trichlorophenol	9.22	196	332838	24.59	ng		93
45) 1,1'-Biphenyl	9.37	154	1435308	24.93	ng		99
46) 2-Chloronaphthalene	9.39	162	1079421	25.38	ng		93
47) 2-Nitroaniline	9.48	65	360651	28.90	ng		97
48) Acenaphthylene	9.80	152	1525991	22.37	ng		97
49) Dimethylphthalate	9.66	163	1132267	23.17	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	241506	23.76	ng	#	41
51) Acenaphthene	9.97	154	993194	22.28	ng		98
52) 3-Nitroaniline	9.89	138	329004	26.23	ng		92
53) 2,4-Dinitrophenol	10.00	184	91556m	34.10	ng		
54) Dibenzofuran	10.14	168	1365826	22.29	ng		90
55) 4-Nitrophenol	10.04	139	234363	16.51	ng	#	82
56) 2,4-Dinitrotoluene	10.12	165	307579	24.35	ng	#	82
57) Fluorene	10.49	166	996265	21.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	267819	22.99	ng		96
59) Diethylphthalate	10.37	149	1205991	23.61	ng		95
60) 4-Chlorophenyl-phenylether	10.49	204	514231	24.26	ng		96
61) 4-Nitroaniline	10.50	138	265992	25.05	ng		94
62) Azobenzene	10.65	77	1369296	25.82	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	158032	31.17	ng		82
65) n-Nitrosodiphenylamine	10.60	169	987854	24.79	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	339827	25.14	ng		98
67) Hexachlorobenzene	11.04	284	353755	23.59	ng	#	87
68) Atrazine	11.13	200	309438	23.37	ng		95
69) Pentachlorophenol	11.23	266	199141	31.02	ng		99
70) Phenanthrene	11.45	178	1563070	21.71	ng		97
71) Anthracene	11.51	178	1749541	25.38	ng		99
72) Carbazole	11.65	167	1439360	22.60	ng		98
73) Di-n-butylphthalate	12.00	149	1912598	25.13	ng	#	97
74) Fluoranthene	12.64	202	1668302	24.08	ng		98
76) Benzidine	12.76	184	972673	25.30	ng		98
77) Pyrene	12.87	202	1714213	22.40	ng		98
79) Butylbenzylphthalate	13.49	149	822578	24.68	ng		94
80) Benzo(a)anthracene	14.05	228	1421455	23.41	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	539437	26.65	ng	#	96
82) Chrysene	14.09	228	1178869	21.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1023956	23.26	ng		97
84) Di-n-octyl phthalate	14.66	149	1752782	24.13	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1017933	24.05	ng		99
87) Benzo(b)fluoranthene	15.08	252	1404021m	27.72	ng		
88) Benzo(k)fluoranthene	15.12	252	827552m	19.37	ng		
89) Benzo(a)pyrene	15.44	252	1033839	24.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.93	278	851374	24.99	ng		100
91) Benzo(g,h,i)perylene	17.35	276	843116	24.44	ng		100

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

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