Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084187.D
Acq On : 31 Dec 2015 10:42
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
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1/4/2016 4:28:31 PM

Quant Time: Dec 31 13:13:14 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	353763	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1461825	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	700589	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1247663	20.00	ng		0.00
75) Chrysene-d12	14.07	240	972193	20.00	ng		0.00
86) Perylene-d12	15.51	264	768261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1646248	36.08	ng		0.00
7) Phenol-d6	6.53	99	2222852	38.40	ng		0.00
23) Nitrobenzene-d5	7.47	82	2055482	38.46	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	602889	39.72	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	3266179	32.83	ng		0.00
78) Terphenyl-d14	13.01	244	3000900	34.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	434082	41.64	ng	#	74
3) Pyridine	3.28	79	1257226	50.03	ng	#	74
4) n-Nitrosodimethylamine	3.23	42	629875	45.16	ng	#	76
6) Aniline	6.57	93	1659555	39.36	ng	#	81
8) 2-Chlorophenol	6.68	128	979453	37.83	ng		82
9) Benzaldehyde	6.45	77	713789	34.78	ng		91
10) Phenol	6.54	94	1350449	40.38	ng		93
11) bis(2-Chloroethyl)ether	6.64	93	930975	37.54	ng	#	77
12) 1,3-Dichlorobenzene	6.84	146	997910m	37.04	ng		
13) 1,4-Dichlorobenzene	6.92	146	1078564	38.89	ng		96
14) 1,2-Dichlorobenzene	7.08	146	922966m	33.86	ng		
15) Benzyl Alcohol	7.05	79	973573	39.27	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1719625	37.03	ng		84
17) 2-Methylphenol	7.16	107	891275	41.18	ng		98
18) Hexachloroethane	7.42	117	426500	41.06	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	725675	38.08	ng	#	65
20) 3+4-Methylphenols	7.31	107	919417	35.13	ng	#	74
22) Acetophenone	7.32	105	1503606	40.35	ng	#	99
24) Nitrobenzene	7.49	77	1183608	43.42	ng		93
25) Isophorone	7.73	82	2018037	39.30	ng		99
26) 2-Nitrophenol	7.80	139	476673	41.48	ng	#	76
27) 2,4-Dimethylphenol	7.85	122	1046432	40.90	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	1139951	36.45	ng		99
29) 2,4-Dichlorophenol	8.04	162	802199	38.83	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	878720	39.82	ng		96
31) Naphthalene	8.21	128	2632818m	36.38	ng		
32) Benzoic acid	7.96	122	607022m	56.11	ng		
33) 4-Chloroaniline	8.26	127	1180363	37.22	ng		97
34) Hexachlorobutadiene	8.34	225	486994	39.99	ng		99
35) Caprolactam	8.65	113	311378	44.50	ng	#	74
36) 4-Chloro-3-methylphenol	8.74	107	874758	37.36	ng		93
37) 2-Methylnaphthalene	8.90	142	1833047	36.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	808937	36.47	ng		97
40) Hexachlorocyclopentadiene	9.06	237	498380	40.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	588839	36.79	ng		93
43) 2,4,5-Trichlorophenol	9.22	196	598624	39.85	ng	#	89
45) 1,1'-Biphenyl	9.37	154	2079324	32.54	ng		98
46) 2-Chloronaphthalene	9.39	162	1580190	33.48	ng		97
47) 2-Nitroaniline	9.48	65	556115	40.16	ng		94
48) Acenaphthylene	9.81	152	2713430	35.84	ng		96
49) Dimethylphthalate	9.68	163	2087593	38.50	ng	#	90
50) 2,6-Dinitrotoluene	9.73	165	487425	43.21	ng	#	72
51) Acenaphthene	9.98	154	1865640	37.72	ng		97
52) 3-Nitroaniline	9.90	138	591295	42.49	ng	#	69
53) 2,4-Dinitrophenol	10.00	184	186677m	62.65	ng		
54) Dibenzofuran	10.16	168	2448424	36.00	ng		95
55) 4-Nitrophenol	10.05	139	475066	30.15	ng	#	87
56) 2,4-Dinitrotoluene	10.13	165	650816	46.43	ng		98
57) Fluorene	10.50	166	1848464	35.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	522787	40.43	ng		91
59) Diethylphthalate	10.37	149	2025364	35.73	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	786545	33.44	ng		93
61) 4-Nitroaniline	10.51	138	474792	40.29	ng		92
62) Azobenzene	10.65	77	2208268	37.52	ng		88
64) 4,6-Dinitro-2-methylphenol	10.53	198	284202	52.51	ng	#	46
65) n-Nitrosodiphenylamine	10.60	169	1613628	37.93	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	574106	39.78	ng	#	87
67) Hexachlorobenzene	11.04	284	573897	35.84	ng	#	76
68) Atrazine	11.14	200	590945	41.81	ng		95
69) Pentachlorophenol	11.23	266	359015	52.38	ng		99
70) Phenanthrene	11.46	178	2856582	37.16	ng		96
71) Anthracene	11.50	178	2472758	33.60	ng		96
72) Carbazole	11.66	167	2624160	38.60	ng		97
73) Di-n-butylphthalate	12.00	149	2850958	35.09	ng	#	94
74) Fluoranthene	12.64	202	2631218	35.57	ng		97
76) Benzidine	12.76	184	1413922	37.68	ng		99
77) Pyrene	12.86	202	2699915	36.14	ng		96
79) Butylbenzylphthalate	13.49	149	1350601	41.51	ng		94
80) Benzo(a)anthracene	14.05	228	2161060	36.46	ng		97
81) 3,3'-Dichlorobenzidine	14.02	252	809200	40.95	ng	#	96
82) Chrysene	14.10	228	2165576	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1601305	37.26	ng		97
84) Di-n-octyl phthalate	14.67	149	2970761	41.90	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1707449	41.32	ng		99
87) Benzo(b)fluoranthene	15.09	252	2101969	39.23	ng		98
88) Benzo(k)fluoranthene	15.12	252	1633726m	36.15	ng		
89) Benzo(a)pyrene	15.45	252	1776841	40.24	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	1402322	38.91	ng		98
91) Benzo(g,h,i)perylene	17.36	276	1418403	38.87	ng		99

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

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