Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083375.D
Acq On : 1 Dec 2015 14:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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12/1/2015 6:35:23 PM

Quant Time: Dec 01 16:01:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:18:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	161127	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	618896	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	317373	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	609691	20.00	ng		0.00
75) Chrysene-d12	14.75	240	500459	20.00	ng		-0.01
86) Perylene-d12	16.82	264	363802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	832697	77.55	ng		0.00
7) Phenol-d6	6.22	99	1124940	76.54	ng		0.00
23) Nitrobenzene-d5	7.13	82	1081917	76.85	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	238755	74.94	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1682964	75.57	ng		0.00
78) Terphenyl-d14	13.22	244	1669163	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	205414	35.33	ng		97
3) Pyridine	2.57	79	544757	37.46	ng		95
4) n-Nitrosodimethylamine	2.52	42	282514	39.46	ng		92
6) Aniline	6.21	93	761555	37.88	ng		100
8) 2-Chlorophenol	6.34	128	467360	39.46	ng		99
9) Benzaldehyde	6.09	77	289159	41.16	ng		97
10) Phenol	6.24	94	657699	37.19	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	482263	37.49	ng		99
12) 1,3-Dichlorobenzene	6.49	146	515135	39.13	ng		99
13) 1,4-Dichlorobenzene	6.57	146	529648	38.92	ng		100
14) 1,2-Dichlorobenzene	6.73	146	457241	36.62	ng		99
15) Benzyl Alcohol	6.72	79	451629	39.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	870008	38.54	ng		99
17) 2-Methylphenol	6.84	107	397437	40.26	ng		99
18) Hexachloroethane	7.06	117	181515	38.41	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	411552	39.17	ng		97
20) 3+4-Methylphenols	7.00	107	530702	39.69	ng		99
22) Acetophenone	6.98	105	715974	38.67	ng	#	99
24) Nitrobenzene	7.14	77	547314	36.40	ng	#	84
25) Isophorone	7.39	82	1051188	38.55	ng		98
26) 2-Nitrophenol	7.46	139	235874	38.43	ng		95
27) 2,4-Dimethylphenol	7.53	122	402685	39.14	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	613247	39.49	ng		99
29) 2,4-Dichlorophenol	7.71	162	384372	38.85	ng		99
30) 1,2,4-Trichlorobenzene	7.79	180	416252	38.65	ng		99
31) Naphthalene	7.86	128	1278164	38.06	ng		100
32) Benzoic acid	7.68	122	298770	42.10	ng		97
33) 4-Chloroaniline	7.93	127	562110	38.83	ng		98
34) Hexachlorobutadiene	7.98	225	228588	37.38	ng		99
35) Caprolactam	8.30	113	116503	37.26	ng		97
36) 4-Chloro-3-methylphenol	8.42	107	411248	37.06	ng	#	82
37) 2-Methylnaphthalene	8.56	142	852414	37.98	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	378627	37.63	ng		100
40) Hexachlorocyclopentadiene	8.70	237	151672	31.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	280889	39.80	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	290964	39.79	ng		99
45) 1,1'-Biphenyl	9.01	154	997430	35.84	ng		94
46) 2-Chloronaphthalene	9.04	162	813810	38.37	ng		100
47) 2-Nitroaniline	9.15	65	330933	39.40	ng		97
48) Acenaphthylene	9.45	152	1273072	37.63	ng		99
49) Dimethylphthalate	9.33	163	914870	35.47	ng		100
50) 2,6-Dinitrotoluene	9.39	165	216996	39.40	ng		97
51) Acenaphthene	9.62	154	731950	36.78	ng		99
52) 3-Nitroaniline	9.56	138	267123	41.38	ng		96
53) 2,4-Dinitrophenol	9.66	184	118771	39.75	ng		95
54) Dibenzofuran	9.79	168	1038304	35.61	ng		99
55) 4-Nitrophenol	9.74	139	146575m	36.30	ng		
56) 2,4-Dinitrotoluene	9.79	165	261727	37.45	ng		98
57) Fluorene	10.13	166	862071	37.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	220570	37.39	ng		97
59) Diethylphthalate	10.03	149	947833	38.55	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	418953	39.60	ng		99
61) 4-Nitroaniline	10.18	138	265911	41.17	ng		97
62) Azobenzene	10.29	77	1196109	40.27	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	178371	43.57	ng		95
65) n-Nitrosodiphenylamine	10.26	169	848884	39.62	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	264277	39.63	ng		97
67) Hexachlorobenzene	10.70	284	277934	37.69	ng		98
68) Atrazine	10.82	200	212239	35.82	ng		97
69) Pentachlorophenol	10.92	266	158307	40.98	ng		99
70) Phenanthrene	11.16	178	1379523	38.23	ng		100
71) Anthracene	11.22	178	1434827	39.50	ng		100
72) Carbazole	11.41	167	1246613	38.20	ng		99
73) Di-n-butylphthalate	11.86	149	1561824	40.38	ng		100
74) Fluoranthene	12.66	202	1402037	37.49	ng		98
76) Benzidine	12.87	184	618559	41.50	ng		100
77) Pyrene	12.97	202	1435423	41.07	ng		98
79) Butylbenzylphthalate	13.96	149	634009	42.76	ng		96
80) Benzo(a)anthracene	14.74	228	1187604	38.73	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	369436	38.58	ng		100
82) Chrysene	14.80	228	1076675	36.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	848841	42.68	ng		99
84) Di-n-octyl phthalate	15.85	149	1222395	41.27	ng		99
85) Indeno(1,2,3-cd)pyrene	18.20	276	931282	43.17	ng		100
87) Benzo(b)fluoranthene	16.31	252	883605	37.85	ng		99
88) Benzo(k)fluoranthene	16.34	252	774779	35.15	ng	#	96
89) Benzo(a)pyrene	16.74	252	764539	38.13	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	776489	44.45	ng		99
91) Benzo(g,h,i)perylene	18.58	276	783956	45.72	ng		100

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

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