Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085482.D
Acq On : 17 Mar 2016 00:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:13 PM

Quant Time: Mar 17 00:47:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	227715	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	930332	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	399085	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	723023	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	388973	20.00	ng		-0.01
86) Perylene-d12	15.51	264	380239	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	964750	72.83	ng		-0.01
7) Phenol-d6	6.54	99	1317056	76.65	ng		-0.01
23) Nitrobenzene-d5	7.48	82	1161856	73.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	308367	83.89	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1764914	76.72	ng		-0.01
78) Terphenyl-d14	13.02	244	1611813	93.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	260832	39.46	ng		98
3) Pyridine	3.27	79	616546	39.29	ng		97
4) n-Nitrosodimethylamine	3.22	42	284139	39.21	ng		95
6) Aniline	6.57	93	948248	39.97	ng		97
8) 2-Chlorophenol	6.69	128	591130	38.06	ng		97
9) Benzaldehyde	6.45	77	316226	32.96	ng		99
10) Phenol	6.55	94	708185	36.77	ng		94
11) bis(2-Chloroethyl)ether	6.64	93	549201	37.08	ng		96
12) 1,3-Dichlorobenzene	6.85	146	686746	39.89	ng		98
13) 1,4-Dichlorobenzene	6.93	146	673570m	39.06	ng		
14) 1,2-Dichlorobenzene	7.08	146	584572	38.63	ng		98
15) Benzyl Alcohol	7.05	79	490993	40.01	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	813517	40.33	ng		96
17) 2-Methylphenol	7.16	107	540783	41.59	ng		97
18) Hexachloroethane	7.42	117	250074	39.53	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	370477	36.00	ng	#	91
20) 3+4-Methylphenols	7.32	107	525329	37.69	ng	#	81
22) Acetophenone	7.32	105	812697	35.65	ng	#	92
24) Nitrobenzene	7.50	77	713542	40.25	ng	#	85
25) Isophorone	7.74	82	1231295	38.37	ng		96
26) 2-Nitrophenol	7.81	139	341682	40.23	ng	#	77
27) 2,4-Dimethylphenol	7.85	122	593578	39.29	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	734355	38.28	ng		98
29) 2,4-Dichlorophenol	8.05	162	460565	37.58	ng		88
30) 1,2,4-Trichlorobenzene	8.13	180	543791	38.40	ng		99
31) Naphthalene	8.22	128	1756981	38.65	ng		99
32) Benzoic acid	7.99	122	348991	40.17	ng		98
33) 4-Chloroaniline	8.26	127	743055	38.00	ng		95
34) Hexachlorobutadiene	8.33	225	303868	41.05	ng		99
35) Caprolactam	8.65	113	149942	37.47	ng		93
36) 4-Chloro-3-methylphenol	8.74	107	490380	35.04	ng		99
37) 2-Methylnaphthalene	8.90	142	1018797	35.39	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	528890	42.61	ng		97
40) Hexachlorocyclopentadiene	9.06	237	258923	43.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	334893	40.85	ng		96
43) 2,4,5-Trichlorophenol	9.22	196	351272	42.42	ng		97
45) 1,1'-Biphenyl	9.37	154	1337871	41.07	ng		95
46) 2-Chloronaphthalene	9.40	162	979403	40.13	ng		94
47) 2-Nitroaniline	9.49	65	287123	38.85	ng		92
48) Acenaphthylene	9.81	152	1475990	37.38	ng		99
49) Dimethylphthalate	9.67	163	1193010	40.97	ng		98
50) 2,6-Dinitrotoluene	9.74	165	298466	46.40	ng	#	81
51) Acenaphthene	9.98	154	971208	39.12	ng		99
52) 3-Nitroaniline	9.90	138	314100	40.84	ng	#	80
53) 2,4-Dinitrophenol	10.01	184	137783	42.62	ng	#	31
54) Dibenzofuran	10.15	168	1159461	38.02	ng		98
55) 4-Nitrophenol	10.06	139	201975	38.15	ng	#	74
56) 2,4-Dinitrotoluene	10.14	165	359520	44.56	ng		94
57) Fluorene	10.49	166	897386	36.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	237488	41.77	ng		91
59) Diethylphthalate	10.37	149	1075114	38.14	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	482301	38.60	ng		92
61) 4-Nitroaniline	10.52	138	294566	40.73	ng		99
62) Azobenzene	10.64	77	1109044	39.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	206234	47.75	ng		96
65) n-Nitrosodiphenylamine	10.61	169	854519	38.35	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	282787	38.65	ng	#	90
67) Hexachlorobenzene	11.04	284	292764	38.77	ng	#	86
68) Atrazine	11.13	200	231891	36.37	ng		97
69) Pentachlorophenol	11.24	266	178526	44.61	ng		99
70) Phenanthrene	11.45	178	1381578	36.69	ng		99
71) Anthracene	11.51	178	1537503	40.08	ng		99
72) Carbazole	11.66	167	1169514	36.03	ng		99
73) Di-n-butylphthalate	11.99	149	1572595	39.11	ng		99
74) Fluoranthene	12.64	202	1294007	36.55	ng		98
76) Benzidine	12.76	184	451267	37.35	ng		99
77) Pyrene	12.87	202	1298077	44.50	ng		99
79) Butylbenzylphthalate	13.49	149	602344	47.22	ng	#	80
80) Benzo(a)anthracene	14.06	228	896037	40.18	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	312713	41.43	ng		97
82) Chrysene	14.09	228	853607	42.55	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	696328	44.75	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1073095	47.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	1139490	59.92	ng		97
87) Benzo(b)fluoranthene	15.09	252	961247m	38.71	ng		
88) Benzo(k)fluoranthene	15.12	252	638233m	32.81	ng		
89) Benzo(a)pyrene	15.45	252	810135	37.76	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	937965	44.76	ng		96
91) Benzo(g,h,i)perylene	17.40	276	976084	45.60	ng		95

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

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