Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086488.D
Acq On : 29 Apr 2016 13:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
4/30/2016 11:22:43 AM

Quant Time: Apr 29 15:39:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 29 15:23:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	161730	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	685751	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	336658	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	594884	20.00	ng		0.00
75) Chrysene-d12	13.94	240	432600	20.00	ng		0.00
86) Perylene-d12	15.32	264	390018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	835748	89.13	ng		0.00
7) Phenol-d6	6.42	99	1048251	80.10	ng		0.00
23) Nitrobenzene-d5	7.36	82	1095401	86.10	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	295547	83.25	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1670874	87.38	ng		0.00
78) Terphenyl-d14	12.89	244	1646747	83.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	201190	40.85	ng	#	77
3) Pyridine	3.02	79	476983	40.92	ng	#	76
4) n-Nitrosodimethylamine	2.98	42	306753	46.17	ng	#	59
6) Aniline	6.44	93	678145	42.82	ng		99
8) 2-Chlorophenol	6.57	128	469467	40.20	ng		95
9) Benzaldehyde	6.33	77	294985	38.75	ng		92
10) Phenol	6.43	94	566046	38.77	ng	#	66
11) bis(2-Chloroethyl)ether	6.52	93	530949	42.07	ng		93
12) 1,3-Dichlorobenzene	6.72	146	487320m	38.79	ng		
13) 1,4-Dichlorobenzene	6.80	146	506177	39.05	ng		95
14) 1,2-Dichlorobenzene	6.96	146	462592	38.92	ng		95
15) Benzyl Alcohol	6.92	79	353590	42.71	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1056289	41.81	ng		90
17) 2-Methylphenol	7.05	107	395606	41.91	ng		95
18) Hexachloroethane	7.29	117	188555	38.93	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	365991	42.31	ng	#	77
20) 3+4-Methylphenols	7.20	107	425831	39.51	ng	#	87
22) Acetophenone	7.20	105	583010	38.77	ng	#	87
24) Nitrobenzene	7.37	77	548492	41.91	ng		99
25) Isophorone	7.61	82	983699	40.18	ng		98
26) 2-Nitrophenol	7.69	139	267620	44.41	ng		97
27) 2,4-Dimethylphenol	7.73	122	450614	42.62	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	581184	43.57	ng		99
29) 2,4-Dichlorophenol	7.93	162	381801	42.80	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	406199	39.25	ng		95
31) Naphthalene	8.09	128	1264759	36.25	ng		99
32) Benzoic acid	7.87	122	270244	43.27	ng		89
33) 4-Chloroaniline	8.14	127	573158	43.86	ng		98
34) Hexachlorobutadiene	8.21	225	226399	39.03	ng		99
35) Caprolactam	8.53	113	131522	44.20	ng		90
36) 4-Chloro-3-methylphenol	8.62	107	412228	40.36	ng		90
37) 2-Methylnaphthalene	8.78	142	833358	40.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	348939	36.21	ng		98
40) Hexachlorocyclopentadiene	8.93	237	187441	39.14	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	251627	41.31	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	271591	40.91	ng		98
45) 1,1'-Biphenyl	9.24	154	1009189	35.86	ng		95
46) 2-Chloronaphthalene	9.26	162	810828	37.90	ng		92
47) 2-Nitroaniline	9.37	65	308302	44.93	ng		86
48) Acenaphthylene	9.69	152	1313901	39.29	ng		99
49) Dimethylphthalate	9.55	163	910633	35.93	ng		99
50) 2,6-Dinitrotoluene	9.61	165	207857	39.70	ng	#	78
51) Acenaphthene	9.86	154	886529	41.27	ng		99
52) 3-Nitroaniline	9.78	138	248690	41.76	ng		92
53) 2,4-Dinitrophenol	9.88	184	111106	42.84	ng	#	78
54) Dibenzofuran	10.03	168	1058368	39.42	ng		97
55) 4-Nitrophenol	9.94	139	155306	39.83	ng	#	61
56) 2,4-Dinitrotoluene	10.02	165	279926	41.94	ng	#	83
57) Fluorene	10.37	166	823128	35.31	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	208736	40.21	ng		99
59) Diethylphthalate	10.25	149	892102	37.18	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	388783	36.74	ng		92
61) 4-Nitroaniline	10.40	138	251810	43.26	ng		86
62) Azobenzene	10.52	77	1066523	40.58	ng		91
64) 4,6-Dinitro-2-methylphenol	10.42	198	153413	43.93	ng	#	50
65) n-Nitrosodiphenylamine	10.49	169	768482	41.33	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	251947	41.10	ng	#	82
67) Hexachlorobenzene	10.91	284	261615	36.87	ng	#	72
68) Atrazine	11.01	200	250104	44.80	ng		96
69) Pentachlorophenol	11.10	266	155258	41.50	ng		100
70) Phenanthrene	11.32	178	1163972	37.28	ng		100
71) Anthracene	11.38	178	1379996	41.42	ng		100
72) Carbazole	11.53	167	1189375	40.28	ng		98
73) Di-n-butylphthalate	11.87	149	1482757	44.32	ng		99
74) Fluoranthene	12.51	202	1367459	43.39	ng		95
76) Benzidine	12.64	184	685178	46.09	ng		98
77) Pyrene	12.74	202	1341405	43.03	ng		100
79) Butylbenzylphthalate	13.36	149	565513	41.89	ng	#	72
80) Benzo(a)anthracene	13.92	228	961340	41.68	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	711240	46.13	ng	#	97
82) Chrysene	13.96	228	1114723	44.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	688276	41.07	ng	#	95
84) Di-n-octyl phthalate	14.53	149	1280852	48.81	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.67	276	823999	44.36	ng		97
87) Benzo(b)fluoranthene	14.93	252	837018m	36.48	ng		
88) Benzo(k)fluoranthene	14.97	252	1004726m	41.98	ng		
89) Benzo(a)pyrene	15.28	252	854676	39.45	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	684131	38.59	ng		96
91) Benzo(g,h,i)perylene	17.08	276	673663	37.92	ng	#	93

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

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