Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089701.D
Acq On : 10 Aug 2016 16:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/11/2016 5:51:54 PM

Quant Time: Aug 11 01:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	59550	20.00	ng		-0.05
21) Naphthalene-d8	9.44	136	259652	20.00	ng		-0.03
38) Acenaphthene-d10	12.26	164	121878	20.00	ng		-0.03
63) Phenanthrene-d10	14.65	188	235829	20.00	ng		-0.05
75) Chrysene-d12	18.37	240	179794	20.00	ng		-0.02
86) Perylene-d12	20.02	264	135074	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	285376	80.32	ng		-0.02
7) Phenol-d6	6.97	99	383201	79.50	ng		-0.01
23) Nitrobenzene-d5	8.33	82	377103	80.33	ng		-0.03
41) 2,4,6-Tribromophenol	13.55	330	79501	79.04	ng		-0.03
44) 2-Fluorobiphenyl	11.22	172	700639	74.71	ng		-0.03
78) Terphenyl-d14	17.03	244	618037	67.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	87665	43.04	ng		87
3) Pyridine	2.26	79	175783	46.97	ng		99
4) n-Nitrosodimethylamine	2.24	42	66729	41.72	ng		98
6) Aniline	6.90	93	229746	36.78	ng		98
8) 2-Chlorophenol	7.08	128	177785	40.76	ng		97
9) Benzaldehyde	6.71	77	81660	46.70	ng		95
10) Phenol	6.98	94	205623	41.55	ng		99
11) bis(2-Chloroethyl)ether	7.05	93	173783	40.88	ng		99
12) 1,3-Dichlorobenzene	7.30	146	184962	39.04	ng		96
13) 1,4-Dichlorobenzene	7.43	146	187778	39.74	ng		97
14) 1,2-Dichlorobenzene	7.67	146	184506	37.04	ng		97
15) Benzyl Alcohol	7.70	79	133097	42.12	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	208391	38.49	ng	#	53
17) 2-Methylphenol	7.93	107	128964	40.94	ng	#	89
18) Hexachloroethane	8.18	117	74643	37.48	ng		98
19) n-Nitroso-di-n-propylamine	8.14	70	132296	38.00	ng		95
20) 3+4-Methylphenols	8.18	107	167823	42.20	ng		97
22) Acetophenone	8.09	105	241551	39.02	ng		96
24) Nitrobenzene	8.35	77	188682	42.32	ng		98
25) Isophorone	8.75	82	347091	38.61	ng		98
26) 2-Nitrophenol	8.86	139	85608	41.84	ng		93
27) 2,4-Dimethylphenol	9.00	122	148910	40.48	ng		98
28) bis(2-Chloroethoxy)methane	9.13	93	213988	39.35	ng		98
29) 2,4-Dichlorophenol	9.28	162	133628	38.39	ng		98
30) 1,2,4-Trichlorobenzene	9.36	180	150870	37.95	ng		97
31) Naphthalene	9.47	128	532144	38.56	ng		99
32) Benzoic acid	9.36	122	62411	27.00	ng		98
33) 4-Chloroaniline	9.61	127	203515	39.27	ng		98
34) Hexachlorobutadiene	9.69	225	85490	37.34	ng		98
35) Caprolactam	10.27	113	43976	43.35	ng		99
36) 4-Chloro-3-methylphenol	10.48	107	162301	40.11	ng		95
37) 2-Methylnaphthalene	10.59	142	331534	39.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	171971	37.54	ng		100
40) Hexachlorocyclopentadiene	10.84	237	64013	44.86	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	90456	40.04	ng		99
43) 2,4,5-Trichlorophenol	11.18	196	96371	39.91	ng		98
45) 1,1'-Biphenyl	11.36	154	416264	37.87	ng		99
46) 2-Chloronaphthalene	11.38	162	312999	37.98	ng		96
47) 2-Nitroaniline	11.59	65	102237	38.49	ng		99
48) Acenaphthylene	12.03	152	516666	38.06	ng		99
49) Dimethylphthalate	11.93	163	368250	38.55	ng		100
50) 2,6-Dinitrotoluene	12.01	165	79607	41.91	ng		93
51) Acenaphthene	12.32	154	298622	38.09	ng		100
52) 3-Nitroaniline	12.27	138	95016	41.83	ng		96
53) 2,4-Dinitrophenol	12.49	184	29214	43.76	ng		94
54) Dibenzofuran	12.59	168	414178	38.43	ng		97
55) 4-Nitrophenol	12.70	139	40869m	31.39	ng		
56) 2,4-Dinitrotoluene	12.66	165	106850	40.00	ng		95
57) Fluorene	13.15	166	354400	38.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.83	232	68954	37.61	ng		96
59) Diethylphthalate	13.07	149	376011	38.06	ng		99
60) 4-Chlorophenyl-phenylether	13.19	204	161456	38.22	ng		91
61) 4-Nitroaniline	13.28	138	86721	42.46	ng		93
62) Azobenzene	13.44	77	384752	40.27	ng		95
64) 4,6-Dinitro-2-methylphenol	13.34	198	52947	37.95	ng		82
65) n-Nitrosodiphenylamine	13.39	169	311451	39.10	ng		99
66) 4-Bromophenyl-phenylether	13.97	248	92351	40.49	ng		92
67) Hexachlorobenzene	14.03	284	95181	37.93	ng	#	88
68) Atrazine	14.32	200	88819	39.94	ng		99
69) Pentachlorophenol	14.40	266	35284	35.28	ng		98
70) Phenanthrene	14.69	178	495290	38.62	ng		99
71) Anthracene	14.78	178	517135	37.61	ng		100
72) Carbazole	15.07	167	470091	41.03	ng		100
73) Di-n-butylphthalate	15.67	149	600058	38.72	ng		100
74) Fluoranthene	16.46	202	516711	39.20	ng		99
76) Benzidine	16.70	184	200004	36.70	ng		99
77) Pyrene	16.77	202	541013	34.04	ng		99
79) Butylbenzylphthalate	17.69	149	241154	35.65	ng	#	82
80) Benzo(a)anthracene	18.35	228	396834	38.41	ng		99
81) 3,3'-Dichlorobenzidine	18.34	252	139130	42.75	ng		99
82) Chrysene	18.40	228	410427	37.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	357662	38.19	ng		99
84) Di-n-octyl phthalate	19.21	149	603274	44.76	ng		100
85) Indeno(1,2,3-cd)pyrene	21.20	276	293879	35.71	ng		99
87) Benzo(b)fluoranthene	19.62	252	332459	40.02	ng		98
88) Benzo(k)fluoranthene	19.65	252	326950m	39.01	ng		
89) Benzo(a)pyrene	19.97	252	292926	37.66	ng		98
90) Dibenzo(a,h)anthracene	21.21	278	253599	34.90	ng		99
91) Benzo(g,h,i)perylene	21.53	276	249723	33.57	ng		99

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

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