Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091390.D
Acq On : 2 Dec 2016 15:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/5/2016 11:20:48 AM

Quant Time: Dec 02 22:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164603	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	672672	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	372653	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	681671	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	520829	20.00	ng		-0.02
86) Perylene-d12	15.44	264	440747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	780044	77.42	ng		-0.02
7) Phenol-d6	6.49	99	1012823	81.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	1000518	83.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	278319	78.89	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1575366	76.54	ng		-0.02
78) Terphenyl-d14	12.97	244	1920022	80.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	172438	37.83	ng	#	87
3) Pyridine	3.17	79	513918	39.84	ng		86
4) n-Nitrosodimethylamine	3.11	42	274999	40.63	ng		98
6) Aniline	6.52	93	650049	39.45	ng	#	73
8) 2-Chlorophenol	6.64	128	425196	38.49	ng		83
9) Benzaldehyde	6.40	77	285821	35.83	ng		90
10) Phenol	6.50	94	632375	43.33	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	398178	38.18	ng		96
12) 1,3-Dichlorobenzene	6.80	146	490854	39.94	ng		99
13) 1,4-Dichlorobenzene	6.88	146	495400	40.53	ng		97
14) 1,2-Dichlorobenzene	7.03	146	426616	37.47	ng		99
15) Benzyl Alcohol	7.01	79	431007	43.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	889456	39.67	ng		72
17) 2-Methylphenol	7.11	107	354524	40.60	ng	#	75
18) Hexachloroethane	7.37	117	166033	38.25	ng	#	84
19) n-Nitroso-di-n-propylamine	7.28	70	328299	42.01	ng	#	94
20) 3+4-Methylphenols	7.27	107	415083	38.94	ng	#	67
22) Acetophenone	7.27	105	588699	36.92	ng	#	73
24) Nitrobenzene	7.44	77	442936	36.04	ng		94
25) Isophorone	7.69	82	839152	39.46	ng	#	94
26) 2-Nitrophenol	7.76	139	239773	42.81	ng		92
27) 2,4-Dimethylphenol	7.80	122	384117	36.66	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	507435	39.64	ng		100
29) 2,4-Dichlorophenol	8.00	162	358227	38.87	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	415188	40.18	ng	#	96
31) Naphthalene	8.17	128	1313132	41.07	ng		99
32) Benzoic acid	7.92	122	338671	43.85	ng		91
33) 4-Chloroaniline	8.22	127	548709	40.15	ng		98
34) Hexachlorobutadiene	8.29	225	233937	36.82	ng		97
35) Caprolactam	8.60	113	118922	44.89	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	422915	42.50	ng		96
37) 2-Methylnaphthalene	8.86	142	819213	37.72	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	427576	40.70	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	215604	44.28	ng		98

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Quant Time: Dec 02 22:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	272170	39.86	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	295499	43.19	ng		93
45) 1,1'-Biphenyl	9.33	154	1108720	41.38	ng		96
46) 2-Chloronaphthalene	9.35	162	811915	40.69	ng		98
47) 2-Nitroaniline	9.44	65	316570	44.17	ng	#	78
48) Acenaphthylene	9.76	152	1180310	37.57	ng		99
49) Dimethylphthalate	9.62	163	906924	40.19	ng		97
50) 2,6-Dinitrotoluene	9.68	165	213345	42.30	ng		91
51) Acenaphthene	9.93	154	827030	39.03	ng		98
52) 3-Nitroaniline	9.85	138	228740	39.19	ng		91
53) 2,4-Dinitrophenol	9.96	184	127661m	57.88	ng		
54) Dibenzofuran	10.10	168	1064686	37.53	ng		98
55) 4-Nitrophenol	10.01	139	201850	47.87	ng	#	64
56) 2,4-Dinitrotoluene	10.08	165	281979	43.10	ng	#	60
57) Fluorene	10.45	166	824605	37.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	238371	40.80	ng		97
59) Diethylphthalate	10.33	149	963189	43.24	ng	#	93
60) 4-Chlorophenyl-phenylether	10.45	204	435032	39.82	ng		99
61) 4-Nitroaniline	10.47	138	265757	48.48	ng		98
62) Azobenzene	10.61	77	994073	43.74	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	163167	43.45	ng	#	73
65) n-Nitrosodiphenylamine	10.56	169	774998	37.50	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	282638	38.58	ng	#	70
67) Hexachlorobenzene	11.00	284	292823	36.99	ng	#	84
68) Atrazine	11.09	200	228105	34.08	ng		99
69) Pentachlorophenol	11.19	266	209832	45.02	ng		96
70) Phenanthrene	11.41	178	1247588	35.22	ng		100
71) Anthracene	11.46	178	1438189	40.91	ng		99
72) Carbazole	11.61	167	1298596	40.71	ng		99
73) Di-n-butylphthalate	11.96	149	1508412	41.72	ng		99
74) Fluoranthene	12.60	202	1564676	46.64	ng		98
76) Benzidine	12.71	184	567231	37.10	ng		100
77) Pyrene	12.82	202	1586966	40.15	ng		100
79) Butylbenzylphthalate	13.44	149	613850	41.47	ng		89
80) Benzo(a)anthracene	14.00	228	1237251	40.62	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	454475	42.36	ng	#	97
82) Chrysene	14.05	228	1325376	43.98	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	854740	45.56	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1395552	49.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1001368	36.28	ng		95
87) Benzo(b)fluoranthene	15.04	252	1195301	43.63	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	923051m	40.07	ng		
89) Benzo(a)pyrene	15.39	252	977187	39.72	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	845944	37.18	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	850769	36.26	ng		99

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

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