Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091779.D
Acq On : 19 Dec 2016 14:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/20/2016 6:32:38 PM

Quant Time: Dec 19 18:27:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	214749	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	865853	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	479577	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	746808	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	459644	20.00	ng		-0.01
86) Perylene-d12	15.31	264	435182	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1078860	84.17	ng		-0.02
7) Phenol-d6	6.41	99	1380258	88.29	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1329815	88.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	315765	77.65	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2088098	87.47	ng		-0.01
78) Terphenyl-d14	12.87	244	1850126	101.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	259363	41.09	ng		98
3) Pyridine	2.97	79	980087	48.19	ng		94
4) n-Nitrosodimethylamine	2.92	42	349973	44.47	ng		96
6) Aniline	6.42	93	821534	40.84	ng		89
8) 2-Chlorophenol	6.54	128	617414	43.76	ng		96
9) Benzaldehyde	6.30	77	423135	49.48	ng		98
10) Phenol	6.42	94	816895	46.36	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	582439	41.39	ng		99
12) 1,3-Dichlorobenzene	6.69	146	630320	40.68	ng	#	88
13) 1,4-Dichlorobenzene	6.77	146	618624	39.46	ng		99
14) 1,2-Dichlorobenzene	6.93	146	641451	46.71	ng		98
15) Benzyl Alcohol	6.91	79	547854	45.27	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	891635	41.46	ng		99
17) 2-Methylphenol	7.02	107	480133	40.72	ng		99
18) Hexachloroethane	7.28	117	246786	42.37	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	423014	40.68	ng		96
20) 3+4-Methylphenols	7.18	107	605589	46.05	ng	#	87
22) Acetophenone	7.17	105	836389	40.01	ng		98
24) Nitrobenzene	7.34	77	619250	38.41	ng		100
25) Isophorone	7.58	82	1179117	41.16	ng		94
26) 2-Nitrophenol	7.66	139	336960	43.32	ng		96
27) 2,4-Dimethylphenol	7.71	122	536025	42.24	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	676050	40.33	ng		99
29) 2,4-Dichlorophenol	7.90	162	472963	40.42	ng		85
30) 1,2,4-Trichlorobenzene	8.00	180	524192	41.33	ng		99
31) Naphthalene	8.06	128	1656422	40.04	ng		100
32) Benzoic acid	7.78	122	20576	2.28	ng		88
33) 4-Chloroaniline	8.12	127	780253	44.78	ng		98
34) Hexachlorobutadiene	8.19	225	292981	41.09	ng		99
35) Caprolactam	8.49	113	127315	33.81	ng	#	66
36) 4-Chloro-3-methylphenol	8.61	107	589453	45.66	ng		91
37) 2-Methylnaphthalene	8.76	142	1153994	44.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	463904	38.81	ng		100
40) Hexachlorocyclopentadiene	8.91	237	159317	31.45	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	319505	37.41	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	342427	40.81	ng		96
45) 1,1'-Biphenyl	9.23	154	1359638	39.56	ng		97
46) 2-Chloronaphthalene	9.25	162	1045779	40.71	ng		95
47) 2-Nitroaniline	9.34	65	360729	41.13	ng		97
48) Acenaphthylene	9.66	152	1726530	43.38	ng		99
49) Dimethylphthalate	9.53	163	1148965	36.68	ng		98
50) 2,6-Dinitrotoluene	9.60	165	274893	40.02	ng	#	72
51) Acenaphthene	9.84	154	1093487	40.03	ng		99
52) 3-Nitroaniline	9.76	138	314247	36.75	ng		97
53) 2,4-Dinitrophenol	9.86	184	21418	5.77	ng	#	60
54) Dibenzofuran	10.01	168	1461165	44.98	ng		94
55) 4-Nitrophenol	9.93	139	256580	43.20	ng	#	83
56) 2,4-Dinitrotoluene	10.00	165	366744	42.74	ng	#	83
57) Fluorene	10.35	166	1097981	43.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	222669	32.10	ng		98
59) Diethylphthalate	10.22	149	1134263	36.83	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	473213	41.17	ng		96
61) 4-Nitroaniline	10.37	138	388647	47.97	ng		89
62) Azobenzene	10.50	77	1340764	40.92	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	61356	12.46	ng	#	60
65) n-Nitrosodiphenylamine	10.46	169	984375	42.45	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	339625	43.37	ng	#	86
67) Hexachlorobenzene	10.90	284	348974	42.53	ng	#	83
68) Atrazine	10.99	200	295178	42.12	ng		99
69) Pentachlorophenol	11.09	266	88216	19.92	ng		98
70) Phenanthrene	11.30	178	1515610	40.62	ng		99
71) Anthracene	11.36	178	1734903	43.89	ng		99
72) Carbazole	11.52	167	1616891	46.78	ng		98
73) Di-n-butylphthalate	11.85	149	1802432	40.68	ng		99
74) Fluoranthene	12.49	202	1676213	43.01	ng		96
76) Benzidine	12.61	184	602340	45.52	ng		99
77) Pyrene	12.72	202	1755416	52.88	ng		99
79) Butylbenzylphthalate	13.33	149	737966	47.50	ng		91
80) Benzo(a)anthracene	13.89	228	1133273	43.10	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	456233	43.37	ng	#	95
82) Chrysene	13.94	228	1235850	45.35	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	879301	44.62	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1414000	38.94	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1133047	42.28	ng		99
87) Benzo(b)fluoranthene	14.91	252	1337096m	48.45	ng		
88) Benzo(k)fluoranthene	14.95	252	720616m	37.22	ng		
89) Benzo(a)pyrene	15.25	252	1000688	42.25	ng	#	97
90) Dibenzo(a,h)anthracene	16.67	278	948765	45.96	ng		96
91) Benzo(g,h,i)perylene	17.06	276	996702m	47.50	ng		

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

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