Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097599.D
Acq On : 11 Aug 2017 17:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/14/2017 6:39:11 PM

Quant Time: Aug 12 01:08:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100009	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	423476	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	171396	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	299590	20.00	ng		0.00
75) Chrysene-d12	18.46	240	179171	20.00	ng		0.00
86) Perylene-d12	20.13	264	132900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	513466	81.61	ng		0.00
7) Phenol-d6	7.05	99	636370	81.53	ng		0.00
23) Nitrobenzene-d5	8.42	82	485390	71.87	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	107732	82.68	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	851931	75.01	ng		0.00
78) Terphenyl-d14	17.12	244	775096	89.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	113073	41.412	ng	#	74
3) Pyridine	2.40	79	348830	43.802	ng	#	61
4) n-Nitrosodimethylamine	2.37	42	194073	42.000	ng		79
6) Aniline	7.00	93	451943	40.289	ng		98
8) 2-Chlorophenol	7.19	128	296381	41.092	ng		93
9) Benzaldehyde	6.82	77	208480	40.508	ng		94
10) Phenol	7.07	94	340980	39.901	ng		97
11) bis(2-Chloroethyl)ether	7.15	93	276283	40.307	ng		86
12) 1,3-Dichlorobenzene	7.41	146	329064	40.738	ng		99
13) 1,4-Dichlorobenzene	7.54	146	336268	40.899	ng		97
14) 1,2-Dichlorobenzene	7.77	146	303254	40.417	ng		97
15) Benzyl Alcohol	7.80	79	225579	41.825	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	596938	38.789	ng		90
17) 2-Methylphenol	8.02	107	217161	38.848	ng	#	90
18) Hexachloroethane	8.29	117	107809	38.326	ng	#	79
19) n-Nitroso-di-n-propylamine	8.23	70	198493	36.562	ng	#	83
20) 3+4-Methylphenols	8.27	107	269876	39.421	ng	#	58
22) Acetophenone	8.20	105	380267	38.010	ng	#	96
24) Nitrobenzene	8.45	77	302319	41.078	ng		95
25) Isophorone	8.85	82	503892	40.503	ng		99
26) 2-Nitrophenol	8.96	139	153986	41.365	ng	#	86
27) 2,4-Dimethylphenol	9.10	122	257905	41.545	ng		97
28) bis(2-Chloroethoxy)methane	9.23	93	366314	40.751	ng		99
29) 2,4-Dichlorophenol	9.39	162	218023	39.831	ng		96
30) 1,2,4-Trichlorobenzene	9.47	180	216121	39.824	ng		98
31) Naphthalene	9.57	128	822005	38.753	ng		99
32) Benzoic acid	9.44	122	145694m	43.554	ng		
33) 4-Chloroaniline	9.72	127	343417	39.082	ng		98
34) Hexachlorobutadiene	9.79	225	115916	39.101	ng		97
35) Caprolactam	10.35	113	78224	44.354	ng	#	56
36) 4-Chloro-3-methylphenol	10.57	107	260914	42.424	ng		85
37) 2-Methylnaphthalene	10.70	142	541652	40.585	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	200959	41.406	ng		100
40) Hexachlorocyclopentadiene	10.96	237	23663	37.285	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	129039	40.355	ng		98
43) 2,4,5-Trichlorophenol	11.29	196	123142	40.773	ng		95
45) 1,1'-Biphenyl	11.47	154	578178	39.319	ng		98
46) 2-Chloronaphthalene	11.49	162	454822	40.284	ng		94
47) 2-Nitroaniline	11.69	65	186263	42.114	ng		95
48) Acenaphthylene	12.14	152	735059	40.953	ng		99
49) Dimethylphthalate	12.02	163	496617	37.597	ng		99
50) 2,6-Dinitrotoluene	12.11	165	114366	41.927	ng	#	73
51) Acenaphthene	12.42	154	423035	39.328	ng		99
52) 3-Nitroaniline	12.37	138	149023	41.726	ng		94
53) 2,4-Dinitrophenol	12.60	184	48594	43.215	ng	#	69
54) Dibenzofuran	12.71	168	621977	41.303	ng		99
55) 4-Nitrophenol	12.79	139	57729	42.442	ng	#	50
56) 2,4-Dinitrotoluene	12.78	165	161035	44.231	ng	#	83
57) Fluorene	13.26	166	480476	38.798	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	87574	42.221	ng		95
59) Diethylphthalate	13.17	149	509650	40.850	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	207052	39.163	ng		98
61) 4-Nitroaniline	13.37	138	147585	43.319	ng		95
62) Azobenzene	13.54	77	508661	40.981	ng		92
64) 4,6-Dinitro-2-methylphenol	13.45	198	70559	38.609	ng		87
65) n-Nitrosodiphenylamine	13.50	169	430811	38.913	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	119267	38.372	ng		98
67) Hexachlorobenzene	14.15	284	134167	39.627	ng	#	86
68) Atrazine	14.42	200	116244	41.847	ng		94
69) Pentachlorophenol	14.52	266	19948m	32.369	ng		
70) Phenanthrene	14.80	178	647559	37.528	ng		99
71) Anthracene	14.89	178	700133	39.657	ng		99
72) Carbazole	15.17	167	640670	38.120	ng		99
73) Di-n-butylphthalate	15.76	149	815995	41.479	ng		99
74) Fluoranthene	16.57	202	693902	44.504	ng		99
76) Benzidine	16.79	184	322671	54.645	ng		98
77) Pyrene	16.87	202	716120	48.332	ng		100
79) Butylbenzylphthalate	17.79	149	243763	39.354	ng	#	84
80) Benzo(a)anthracene	18.45	228	412216	39.392	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	144645	40.078	ng	#	97
82) Chrysene	18.50	228	406390	39.045	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	339695	38.558	ng		99
84) Di-n-octyl phthalate	19.30	149	530052	34.451	ng		95
85) Indeno(1,2,3-cd)pyrene	21.35	276	259620	32.070	ng		98
87) Benzo(b)fluoranthene	19.72	252	335210	42.004	ng		98
88) Benzo(k)fluoranthene	19.75	252	319753	39.783	ng	#	95
89) Benzo(a)pyrene	20.07	252	288595	39.399	ng		99
90) Dibenzo(a,h)anthracene	21.35	278	224020	42.715	ng		97
91) Benzo(g,h,i)perylene	21.69	276	234875	40.824	ng		97

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

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