Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096963.D
Acq On : 22 Jul 2017 1:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/24/2017 3:05:31 PM

Quant Time: Jul 22 03:53:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	107960	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	414718	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	141584	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	212207	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	189432	20.00	ng		-0.04
86) Perylene-d12	15.05	264	200559	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	620200	86.38	ng		-0.04
7) Phenol-d6	6.22	99	653496	75.84	ng		-0.04
23) Nitrobenzene-d5	7.13	82	565411	84.45	ng		-0.04
41) 2,4,6-Tribromophenol	10.37	330	87065	72.04	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	812902	90.71	ng		-0.05
78) Terphenyl-d14	12.64	244	610617	55.90	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	137702	37.271	ng	#	76
3) Pyridine	2.74	79	412929	53.181	ng	#	66
4) n-Nitrosodimethylamine	2.69	42	216660	49.897	ng		85
6) Aniline	6.22	93	389338	36.683	ng	#	72
8) 2-Chlorophenol	6.35	128	311691	40.239	ng		92
9) Benzaldehyde	6.10	77	197611	39.679	ng		97
10) Phenol	6.23	94	386906	39.721	ng		82
11) bis(2-Chloroethyl)ether	6.30	93	303664	41.457	ng		88
12) 1,3-Dichlorobenzene	6.50	146	330805	40.177	ng		99
13) 1,4-Dichlorobenzene	6.57	146	332493	39.875	ng		94
14) 1,2-Dichlorobenzene	6.73	146	298747	39.391	ng		99
15) Benzyl Alcohol	6.71	79	210626	37.338	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.85	45	595127	39.369	ng		95
17) 2-Methylphenol	6.83	107	225783	37.484	ng		94
18) Hexachloroethane	7.07	117	100457	33.976	ng	#	82
19) n-Nitroso-di-n-propylamine	6.99	70	198937	38.323	ng	#	84
20) 3+4-Methylphenols	6.99	107	296660	40.586	ng	#	64
22) Acetophenone	6.97	105	399772	43.130	ng		97
24) Nitrobenzene	7.15	77	297475	42.959	ng		92
25) Isophorone	7.39	82	504520	40.506	ng		98
26) 2-Nitrophenol	7.46	139	154241	40.059	ng		91
27) 2,4-Dimethylphenol	7.52	122	255594	40.351	ng		95
28) bis(2-Chloroethoxy)methane	7.60	93	350515	41.646	ng		99
29) 2,4-Dichlorophenol	7.71	162	223219	38.931	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	215790	39.583	ng		98
31) Naphthalene	7.86	128	782656	39.838	ng		99
32) Benzoic acid	7.65	122	139674m	34.500	ng		
33) 4-Chloroaniline	7.92	127	308505	39.634	ng		99
34) Hexachlorobutadiene	7.99	225	119416	41.032	ng		96
35) Caprolactam	8.29	113	62382	33.955	ng	#	64
36) 4-Chloro-3-methylphenol	8.41	107	218315	35.411	ng		85
37) 2-Methylnaphthalene	8.55	142	463135	36.977	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	180009	47.033	ng		98
40) Hexachlorocyclopentadiene	8.71	237	5699	8.696	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	121167	42.919	ng		95
43) 2,4,5-Trichlorophenol	8.88	196	120547	42.338	ng		97
45) 1,1'-Biphenyl	9.02	154	555683	45.762	ng		98
46) 2-Chloronaphthalene	9.04	162	396638	44.360	ng		96
47) 2-Nitroaniline	9.14	65	139855	45.503	ng		93
48) Acenaphthylene	9.45	152	590864	41.474	ng		99
49) Dimethylphthalate	9.32	163	463312	43.459	ng		98
50) 2,6-Dinitrotoluene	9.38	165	95918	41.539	ng	#	82
51) Acenaphthene	9.62	154	339594	40.351	ng		99
52) 3-Nitroaniline	9.55	138	117379	42.909	ng		94
53) 2,4-Dinitrophenol	9.67	184	7279	12.571	ng	#	67
54) Dibenzofuran	9.79	168	457928	38.828	ng		99
55) 4-Nitrophenol	9.73	139	65302	32.676	ng	#	69
56) 2,4-Dinitrotoluene	9.79	165	106748	35.976	ng	#	69
57) Fluorene	10.13	166	346348	39.741	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	72663	36.798	ng	#	97
59) Diethylphthalate	10.02	149	417531	40.231	ng		98
60) 4-Chlorophenyl-phenylether	10.13	204	149839	40.383	ng		96
61) 4-Nitroaniline	10.16	138	107970	42.032	ng		92
62) Azobenzene	10.29	77	351431	38.384	ng		93
64) 4,6-Dinitro-2-methylphenol	10.20	198	18984	14.248	ng	#	78
65) n-Nitrosodiphenylamine	10.25	169	317203	41.817	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	89552	41.334	ng		95
67) Hexachlorobenzene	10.68	284	97373	40.353	ng	#	88
68) Atrazine	10.78	200	84606	39.149	ng		96
69) Pentachlorophenol	10.88	266	37992	32.591	ng		95
70) Phenanthrene	11.09	178	459155	39.794	ng		100
71) Anthracene	11.14	178	476719	40.863	ng		97
72) Carbazole	11.29	167	476657	42.192	ng		98
73) Di-n-butylphthalate	11.64	149	572943	40.722	ng		98
74) Fluoranthene	12.27	202	484938	43.908	ng		98
76) Benzidine	12.39	184	281502	45.361	ng	#	94
77) Pyrene	12.49	202	500791	29.129	ng		100
79) Butylbenzylphthalate	13.12	149	263702	32.283	ng	#	78
80) Benzo(a)anthracene	13.68	228	476108	40.338	ng		98
81) 3,3'-Dichlorobenzidine	13.64	252	195375	46.031	ng	#	97
82) Chrysene	13.72	228	466464	40.144	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	350993	35.284	ng	#	100
84) Di-n-octyl phthalate	14.30	149	720633	43.825	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.32	276	381120	35.803	ng		99
87) Benzo(b)fluoranthene	14.68	252	462762	38.257	ng		98
88) Benzo(k)fluoranthene	14.71	252	477720	41.707	ng		95
89) Benzo(a)pyrene	15.00	252	440073	39.667	ng		98
90) Dibenzo(a,h)anthracene	16.33	278	306205	29.996	ng		97
91) Benzo(g,h,i)perylene	16.69	276	312948	28.628	ng		99

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

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