Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096635.D
Acq On : 11 Jul 2017 10:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/12/2017 4:49:27 PM

Quant Time: Jul 11 17:03:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	137077	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	553334	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	254914	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	427359	20.00	ng		0.00
75) Chrysene-d12	13.83	240	292741	20.00	ng		-0.01
86) Perylene-d12	15.23	264	261831	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	685470	73.81	ng		-0.01
7) Phenol-d6	6.33	99	870786	76.27	ng		-0.01
23) Nitrobenzene-d5	7.26	82	764774	83.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	168803	84.77	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1157153	77.61	ng		-0.01
78) Terphenyl-d14	12.79	244	1078745	78.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	158268	35.939	ng	#	77
3) Pyridine	3.02	79	385343m	31.892	ng		
4) n-Nitrosodimethylamine	2.97	42	209212	35.079	ng		82
6) Aniline	6.35	93	542997	36.797	ng	#	57
8) 2-Chlorophenol	6.47	128	399156	40.303	ng		94
9) Benzaldehyde	6.23	77	251176	35.152	ng		97
10) Phenol	6.35	94	480099	36.910	ng		73
11) bis(2-Chloroethyl)ether	6.43	93	385151	38.316	ng		90
12) 1,3-Dichlorobenzene	6.63	146	417291	40.184	ng		97
13) 1,4-Dichlorobenzene	6.70	146	411075	39.605	ng		94
14) 1,2-Dichlorobenzene	6.86	146	372341	39.071	ng		97
15) Benzyl Alcohol	6.83	79	294442	38.579	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	795061	38.906	ng		92
17) 2-Methylphenol	6.96	107	297323	37.670	ng		96
18) Hexachloroethane	7.20	117	153745	40.858	ng	#	84
19) n-Nitroso-di-n-propylamine	7.12	70	261241	38.407	ng	#	84
20) 3+4-Methylphenols	7.11	107	354872	40.310	ng	#	85
22) Acetophenone	7.10	105	499165	41.286	ng		94
24) Nitrobenzene	7.27	77	396764	41.072	ng		93
25) Isophorone	7.52	82	708425	39.679	ng		96
26) 2-Nitrophenol	7.59	139	216837	42.409	ng		92
27) 2,4-Dimethylphenol	7.63	122	332539	38.196	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	484834	41.137	ng		98
29) 2,4-Dichlorophenol	7.83	162	317298	42.242	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	300511	42.412	ng		98
31) Naphthalene	8.00	128	1035121	39.626	ng		99
32) Benzoic acid	7.79	122	264453	36.168	ng		88
33) 4-Chloroaniline	8.05	127	451389	41.601	ng		97
34) Hexachlorobutadiene	8.12	225	157488	43.334	ng		97
35) Caprolactam	8.43	113	93914	36.257	ng	#	62
36) 4-Chloro-3-methylphenol	8.53	107	319700	38.465	ng		90
37) 2-Methylnaphthalene	8.69	142	672001	40.413	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	265117	40.055	ng		98
40) Hexachlorocyclopentadiene	8.85	237	113864	35.380	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	193970	37.045	ng		97
43) 2,4,5-Trichlorophenol	9.01	196	196538	37.963	ng		93
45) 1,1'-Biphenyl	9.15	154	806679	36.933	ng		98
46) 2-Chloronaphthalene	9.17	162	594404	36.518	ng		94
47) 2-Nitroaniline	9.27	65	211017	35.629	ng		93
48) Acenaphthylene	9.59	152	953190	36.957	ng		99
49) Dimethylphthalate	9.46	163	726121	38.158	ng		99
50) 2,6-Dinitrotoluene	9.52	165	163275	38.800	ng		93
51) Acenaphthene	9.76	154	572072	35.983	ng		99
52) 3-Nitroaniline	9.68	138	194147	36.990	ng		88
53) 2,4-Dinitrophenol	9.79	184	85140	38.093	ng	#	75
54) Dibenzofuran	9.93	168	824883	39.299	ng		98
55) 4-Nitrophenol	9.85	139	154814	35.587	ng	#	66
56) 2,4-Dinitrotoluene	9.92	165	215759	40.488	ng	#	79
57) Fluorene	10.27	166	610873	41.207	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	147673	41.228	ng	#	98
59) Diethylphthalate	10.15	149	735483	40.890	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	257517	39.925	ng		98
61) 4-Nitroaniline	10.29	138	197851	41.457	ng		90
62) Azobenzene	10.42	77	677451	38.951	ng		94
64) 4,6-Dinitro-2-methylphenol	10.33	198	117533	39.878	ng		92
65) n-Nitrosodiphenylamine	10.39	169	582385	38.840	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	173323	41.663	ng		98
67) Hexachlorobenzene	10.82	284	186765	41.011	ng	#	87
68) Atrazine	10.92	200	170869	39.887	ng		96
69) Pentachlorophenol	11.02	266	108312	40.129	ng		99
70) Phenanthrene	11.23	178	896600	38.810	ng		99
71) Anthracene	11.28	178	931548	39.570	ng		100
72) Carbazole	11.43	167	924541	39.051	ng		99
73) Di-n-butylphthalate	11.77	149	1092098	38.084	ng		98
74) Fluoranthene	12.41	202	888832	39.242	ng		98
76) Benzidine	12.53	184	483985	34.456	ng	#	94
77) Pyrene	12.64	202	906990	38.599	ng		99
79) Butylbenzylphthalate	13.26	149	472727	39.742	ng	#	82
80) Benzo(a)anthracene	13.82	228	636650	37.556	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	281079	40.369	ng		98
82) Chrysene	13.86	228	700206	39.443	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	547104	41.206	ng		100
84) Di-n-octyl phthalate	14.43	149	1100834	42.102	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.58	276	537665	38.369	ng		99
87) Benzo(b)fluoranthene	14.84	252	627539	38.250	ng		97
88) Benzo(k)fluoranthene	14.87	252	579183	39.466	ng		95
89) Benzo(a)pyrene	15.17	252	572056	39.055	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	426507	37.013	ng		98
91) Benzo(g,h,i)perylene	16.99	276	468839	39.264	ng		98

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

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