Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095735.D
Acq On : 7 Jun 2017 5:40
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/7/2017 2:19:20 PM

Quant Time: Jun 07 08:49:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	64778	20.00	ng		-0.01
21) Naphthalene-d8	9.42	136	243372	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	94039	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	144516	20.00	ng		-0.02
75) Chrysene-d12	18.34	240	127078	20.00	ng		-0.01
86) Perylene-d12	20.02	264	92341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	350972	86.33	ng		-0.02
7) Phenol-d6	6.95	99	408693	83.98	ng		-0.01
23) Nitrobenzene-d5	8.30	82	327514	83.58	ng		-0.02
41) 2,4,6-Tribromophenol	13.53	330	61395	73.79	ng		-0.02
44) 2-Fluorobiphenyl	11.20	172	608967	90.11	ng		-0.02
78) Terphenyl-d14	17.00	244	416781	81.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	77094	39.864	ng		91
3) Pyridine	2.23	79	198230	43.613	ng		95
4) n-Nitrosodimethylamine	2.21	42	67770	39.219	ng	#	76
6) Aniline	6.88	93	256903	40.349	ng		97
8) 2-Chlorophenol	7.07	128	180587	41.779	ng		94
9) Benzaldehyde	6.69	77	137543	41.897	ng		98
10) Phenol	6.96	94	221148	43.804	ng		89
11) bis(2-Chloroethyl)ether	7.03	93	172752	43.195	ng		96
12) 1,3-Dichlorobenzene	7.29	146	202683	41.427	ng		99
13) 1,4-Dichlorobenzene	7.41	146	207491	41.820	ng		96
14) 1,2-Dichlorobenzene	7.65	146	193098	42.217	ng		96
15) Benzyl Alcohol	7.69	79	128044	38.332	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.89	45	222618	39.618	ng		95
17) 2-Methylphenol	7.91	107	147295	40.606	ng		98
18) Hexachloroethane	8.16	117	49364	30.125	ng	#	86
19) n-Nitroso-di-n-propylamine	8.12	70	124499	40.366	ng		94
20) 3+4-Methylphenols	8.17	107	188249	40.882	ng	#	57
22) Acetophenone	8.07	105	244592	42.938	ng	#	84
24) Nitrobenzene	8.33	77	172591	41.230	ng		91
25) Isophorone	8.73	82	295344	40.364	ng		95
26) 2-Nitrophenol	8.84	139	74866	34.154	ng		98
27) 2,4-Dimethylphenol	8.99	122	143855	42.288	ng		97
28) bis(2-Chloroethoxy)methane	9.12	93	205492	42.604	ng		97
29) 2,4-Dichlorophenol	9.27	162	131170	40.037	ng		99
30) 1,2,4-Trichlorobenzene	9.35	180	143761	42.171	ng		99
31) Naphthalene	9.45	128	501956	41.097	ng		98
32) Benzoic acid	9.31	122	68401m	33.860	ng		
33) 4-Chloroaniline	9.59	127	195849	41.025	ng	#	93
34) Hexachlorobutadiene	9.67	225	77054	43.744	ng		99
35) Caprolactam	10.22	113	36499	37.440	ng		93
36) 4-Chloro-3-methylphenol	10.47	107	130495	38.050	ng		90
37) 2-Methylnaphthalene	10.57	142	314681	38.132	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	124824	44.351	ng		98
42) 2,4,6-Trichlorophenol	11.09	196	79273	43.809	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.17	196	80758	41.958	ng	#	91
45) 1,1'-Biphenyl	11.35	154	342249	44.158	ng		97
46) 2-Chloronaphthalene	11.36	162	258663	42.713	ng		95
47) 2-Nitroaniline	11.57	65	75475	42.590	ng	#	82
48) Acenaphthylene	12.01	152	420821	40.638	ng		98
49) Dimethylphthalate	11.90	163	310316	43.461	ng		99
50) 2,6-Dinitrotoluene	11.99	165	58580	37.614	ng		92
51) Acenaphthene	12.29	154	241440	40.370	ng		96
52) 3-Nitroaniline	12.25	138	76957	42.412	ng		95
53) 2,4-Dinitrophenol	12.54	184	550	7.048	ng	#	63
54) Dibenzofuran	12.58	168	328632	39.042	ng		97
55) 4-Nitrophenol	12.68	139	31847	32.949	ng	#	70
56) 2,4-Dinitrotoluene	12.66	165	69686	33.128	ng		97
57) Fluorene	13.13	166	278645	38.040	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.83	232	47957	36.415	ng	#	96
59) Diethylphthalate	13.04	149	286228	41.655	ng		99
60) 4-Chlorophenyl-phenylether	13.16	204	126607	39.745	ng		88
61) 4-Nitroaniline	13.24	138	68524	40.447	ng		94
62) Azobenzene	13.42	77	219953	35.319	ng		94
64) 4,6-Dinitro-2-methylphenol	13.36	198	2764	2.910	ng	#	1
65) n-Nitrosodiphenylamine	13.37	169	229788	44.250	ng		99
66) 4-Bromophenyl-phenylether	13.94	248	64990	43.271	ng		95
67) Hexachlorobenzene	14.03	284	61945	41.855	ng	#	90
68) Atrazine	14.29	200	48863	33.810	ng		96
69) Pentachlorophenol	14.39	266	20072	39.418	ng		91
70) Phenanthrene	14.67	178	346416	41.545	ng		98
71) Anthracene	14.76	178	359830	41.335	ng		98
72) Carbazole	15.05	167	361226	42.580	ng		98
73) Di-n-butylphthalate	15.64	149	405654	44.945	ng		98
74) Fluoranthene	16.44	202	363316	44.022	ng		100
76) Benzidine	16.68	184	198575	40.687	ng	#	94
77) Pyrene	16.75	202	373126	39.351	ng		98
79) Butylbenzylphthalate	17.67	149	170309	41.127	ng		90
80) Benzo(a)anthracene	18.33	228	306467	41.480	ng		98
81) 3,3'-Dichlorobenzidine	18.32	252	117278	44.647	ng	#	97
82) Chrysene	18.38	228	299246	40.529	ng		98
83) Bis(2-ethylhexyl)phthalate	18.43	149	253305	43.363	ng		100
84) Di-n-octyl phthalate	19.19	149	425085	44.162	ng		95
85) Indeno(1,2,3-cd)pyrene	21.19	276	210120	33.260	ng		99
87) Benzo(b)fluoranthene	19.61	252	247276	42.766	ng		98
88) Benzo(k)fluoranthene	19.64	252	247647	44.809	ng	#	93
89) Benzo(a)pyrene	19.96	252	219256	41.257	ng		99
90) Dibenzo(a,h)anthracene	21.19	278	181532	40.269	ng		97
91) Benzo(g,h,i)perylene	21.52	276	177970	38.724	ng		98

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

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