Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087807.D
Acq On : 8 Jun 2016 13:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/9/2016 7:58:27 PM

Quant Time: Jun 08 14:45:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81605	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	351686	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	172092	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	316592	20.00	ng		0.00
75) Chrysene-d12	14.00	240	218366	20.00	ng		0.01
86) Perylene-d12	15.42	264	167788	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	417095	87.38	ng		-0.01
7) Phenol-d6	6.46	99	454523	78.57	ng		-0.02
23) Nitrobenzene-d5	7.39	82	440115	73.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	126974	69.88	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	898797	81.84	ng		-0.01
78) Terphenyl-d14	12.95	244	747875	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	95364	41.11	ng	#	35
3) Pyridine	3.10	79	250570	45.75	ng		97
4) n-Nitrosodimethylamine	3.04	42	92670	39.96	ng		91
6) Aniline	6.49	93	347042	42.15	ng		98
8) 2-Chlorophenol	6.60	128	218192	38.62	ng		98
9) Benzaldehyde	6.36	77	148732	44.45	ng		88
10) Phenol	6.47	94	240543	39.99	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	191382	37.73	ng		98
12) 1,3-Dichlorobenzene	6.76	146	235115	38.78	ng		99
13) 1,4-Dichlorobenzene	6.84	146	255635	41.86	ng		99
14) 1,2-Dichlorobenzene	7.00	146	222876	40.13	ng		98
15) Benzyl Alcohol	6.97	79	189874	41.95	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	274023	39.98	ng		96
17) 2-Methylphenol	7.08	107	184038	40.17	ng		97
18) Hexachloroethane	7.35	117	87633	40.44	ng	#	87
19) n-Nitroso-di-n-propylamine	7.24	70	139402	37.67	ng		94
20) 3+4-Methylphenols	7.24	107	231084	43.22	ng	#	73
22) Acetophenone	7.24	105	311052	39.58	ng	#	97
24) Nitrobenzene	7.42	77	239368	41.03	ng		94
25) Isophorone	7.66	82	433177	38.83	ng		96
26) 2-Nitrophenol	7.72	139	113612	36.35	ng		97
27) 2,4-Dimethylphenol	7.77	122	225587	39.21	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	250466	36.20	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	184078	38.32	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	202285	38.67	ng		99
31) Naphthalene	8.14	128	681607	39.16	ng		99
32) Benzoic acid	7.87	122	112740m	35.58	ng		
33) 4-Chloroaniline	8.18	127	280327	36.07	ng		99
34) Hexachlorobutadiene	8.26	225	99233	35.97	ng		98
35) Caprolactam	8.57	113	64527	40.55	ng	#	77
36) 4-Chloro-3-methylphenol	8.67	107	216127	42.07	ng		91
37) 2-Methylnaphthalene	8.82	142	420936	36.70	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	181386	38.62	ng	#	1
40) Hexachlorocyclopentadiene	8.98	237	103567	37.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	137285	39.89	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	143547	40.09	ng		99
45) 1,1'-Biphenyl	9.30	154	538706	41.18	ng		94
46) 2-Chloronaphthalene	9.31	162	413268	37.11	ng		99
47) 2-Nitroaniline	9.42	65	134342	40.89	ng	#	83
48) Acenaphthylene	9.74	152	691547	39.04	ng		99
49) Dimethylphthalate	9.60	163	454342	36.45	ng		99
50) 2,6-Dinitrotoluene	9.66	165	104646	36.65	ng	#	52
51) Acenaphthene	9.91	154	412748	37.35	ng		99
52) 3-Nitroaniline	9.83	138	119907	36.40	ng		94
53) 2,4-Dinitrophenol	9.93	184	45613	35.08	ng	#	81
54) Dibenzofuran	10.08	168	591958	38.90	ng		92
55) 4-Nitrophenol	9.99	139	100731	39.40	ng		88
56) 2,4-Dinitrotoluene	10.06	165	144857	39.48	ng	#	60
57) Fluorene	10.42	166	447496	43.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	106894	37.99	ng	#	54
59) Diethylphthalate	10.31	149	498464	39.50	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	194778	38.49	ng	#	84
61) 4-Nitroaniline	10.44	138	120276	38.49	ng		97
62) Azobenzene	10.57	77	470390	37.70	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	61255	31.76	ng		95
65) n-Nitrosodiphenylamine	10.54	169	395781	37.67	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	120628	35.52	ng	#	74
67) Hexachlorobenzene	10.97	284	147403	41.77	ng	#	83
68) Atrazine	11.07	200	134313	42.22	ng		99
69) Pentachlorophenol	11.16	266	75323	40.49	ng		99
70) Phenanthrene	11.38	178	629662	37.90	ng		99
71) Anthracene	11.44	178	681574	40.67	ng		98
72) Carbazole	11.59	167	593012	37.82	ng		99
73) Di-n-butylphthalate	11.93	149	767170	38.65	ng		99
74) Fluoranthene	12.57	202	692399	39.49	ng		96
76) Benzidine	12.70	184	279792	46.27	ng		98
77) Pyrene	12.80	202	704371	43.47	ng		99
79) Butylbenzylphthalate	13.43	149	303029	42.30	ng		94
80) Benzo(a)anthracene	13.99	228	505494	40.62	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	141450	42.27	ng	#	96
82) Chrysene	14.02	228	465399	39.75	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	352316	40.40	ng		98
84) Di-n-octyl phthalate	14.61	149	536287	37.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	459239	42.22	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	452088m	38.66	ng		
88) Benzo(k)fluoranthene	15.04	252	338141m	38.33	ng		
89) Benzo(a)pyrene	15.36	252	375040	39.64	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	375582	42.74	ng	#	95
91) Benzo(g,h,i)perylene	17.25	276	389235	43.06	ng		94

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

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