Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088091.D
Acq On : 17 Jun 2016 13:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/20/2016 6:50:54 PM

Quant Time: Jun 17 17:11:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	127318	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	532179	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	236533	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	438725	20.00	ng		0.00
75) Chrysene-d12	13.85	240	276601	20.00	ng		0.00
86) Perylene-d12	15.22	264	249257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	532480	71.50	ng		0.00
7) Phenol-d6	6.35	99	691340	76.60	ng		0.00
23) Nitrobenzene-d5	7.28	82	692867	76.03	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	145793	58.37	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1184023	78.19	ng		0.00
78) Terphenyl-d14	12.80	244	861989	70.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	151322	41.82	ng	#	46
3) Pyridine	2.84	79	389639	45.60	ng		94
4) n-Nitrosodimethylamine	2.81	42	136807	37.81	ng	#	78
6) Aniline	6.36	93	431454	33.58	ng	#	29
8) 2-Chlorophenol	6.49	128	346573	39.32	ng		81
9) Benzaldehyde	6.24	77	192507	31.16	ng		91
10) Phenol	6.36	94	408431	43.76	ng	#	62
11) bis(2-Chloroethyl)ether	6.44	93	331387	41.87	ng		90
12) 1,3-Dichlorobenzene	6.64	146	366719	38.77	ng		95
13) 1,4-Dichlorobenzene	6.72	146	379607	39.84	ng		98
14) 1,2-Dichlorobenzene	6.87	146	311682m	35.97	ng		
15) Benzyl Alcohol	6.86	79	230959	32.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	409271	38.28	ng		88
17) 2-Methylphenol	6.97	107	264847	37.05	ng		99
18) Hexachloroethane	7.21	117	135340	40.03	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	195001	33.77	ng		88
20) 3+4-Methylphenols	7.13	107	289596	34.72	ng		90
22) Acetophenone	7.12	105	435547	36.62	ng	#	95
24) Nitrobenzene	7.29	77	303583	34.39	ng		89
25) Isophorone	7.54	82	642411	38.06	ng		95
26) 2-Nitrophenol	7.61	139	204598	43.27	ng	#	78
27) 2,4-Dimethylphenol	7.66	122	309789	35.58	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	374560	35.77	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	266861	36.71	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	278229	35.15	ng		99
31) Naphthalene	8.01	128	948469	36.01	ng		99
32) Benzoic acid	7.80	122	146953	30.65	ng		94
33) 4-Chloroaniline	8.07	127	451505	38.39	ng	#	94
34) Hexachlorobutadiene	8.12	225	144013	34.50	ng		98
35) Caprolactam	8.46	113	88768	36.86	ng		88
36) 4-Chloro-3-methylphenol	8.56	107	290491	37.36	ng		97
37) 2-Methylnaphthalene	8.70	142	585848	33.75	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	259366	40.84	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	94085	24.66	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	173351	36.65	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	188378	38.28	ng		94
45) 1,1'-Biphenyl	9.16	154	667146	36.39	ng		98
46) 2-Chloronaphthalene	9.19	162	543374	35.50	ng		100
47) 2-Nitroaniline	9.29	65	180516	39.98	ng	#	83
48) Acenaphthylene	9.60	152	775291	31.84	ng		99
49) Dimethylphthalate	9.47	163	661949	38.63	ng		99
50) 2,6-Dinitrotoluene	9.54	165	161645	41.19	ng	#	79
51) Acenaphthene	9.77	154	474732	31.26	ng		98
52) 3-Nitroaniline	9.70	138	157580	34.80	ng		95
53) 2,4-Dinitrophenol	9.82	184	42888	25.65	ng	#	75
54) Dibenzofuran	9.94	168	656305	31.38	ng	#	87
55) 4-Nitrophenol	9.87	139	100754	28.67	ng		90
56) 2,4-Dinitrotoluene	9.94	165	185816	36.85	ng	#	70
57) Fluorene	10.28	166	526839	36.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	147848	38.23	ng	#	56
59) Diethylphthalate	10.17	149	653217	37.66	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	239853	34.48	ng	#	84
61) 4-Nitroaniline	10.32	138	169988	39.58	ng		98
62) Azobenzene	10.43	77	640665	37.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	90385	33.68	ng	#	54
65) n-Nitrosodiphenylamine	10.40	169	514083	35.31	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	162320	34.49	ng	#	86
67) Hexachlorobenzene	10.83	284	189603	38.77	ng	#	81
68) Atrazine	10.94	200	185926	42.18	ng		94
69) Pentachlorophenol	11.03	266	83839	32.52	ng		97
70) Phenanthrene	11.25	178	908897	39.48	ng		99
71) Anthracene	11.29	178	793151	34.15	ng		100
72) Carbazole	11.45	167	780287	35.91	ng		100
73) Di-n-butylphthalate	11.78	149	977803	35.54	ng		100
74) Fluoranthene	12.42	202	795252	32.73	ng		99
76) Benzidine	12.55	184	344916	45.04	ng		100
77) Pyrene	12.65	202	829159	40.40	ng		100
79) Butylbenzylphthalate	13.28	149	421254	46.42	ng		92
80) Benzo(a)anthracene	13.84	228	567904	36.03	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	196852	46.44	ng		98
82) Chrysene	13.87	228	605950	40.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	478462	43.31	ng	#	98
84) Di-n-octyl phthalate	14.45	149	814150	45.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	593361	43.07	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	562279m	32.37	ng		
88) Benzo(k)fluoranthene	14.87	252	521572m	39.80	ng		
89) Benzo(a)pyrene	15.18	252	538889	38.34	ng	#	95
90) Dibenzo(a,h)anthracene	16.55	278	489645	37.51	ng		98
91) Benzo(g,h,i)perylene	16.94	276	529368	39.42	ng		97

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

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