Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091830.D
Acq On : 21 Dec 2016 12:43
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 14:29:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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12/22/2016 7:11:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	272947	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1089547	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	597769	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	940551	20.00	ng		0.00
75) Chrysene-d12	13.91	240	791830	20.00	ng		0.00
86) Perylene-d12	15.30	264	747311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	369521	22.68	ng		0.00
7) Phenol-d6	6.40	99	457968	23.05	ng		-0.01
23) Nitrobenzene-d5	7.31	82	418433	22.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	108791	21.46	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	798371	26.83	ng		0.00
78) Terphenyl-d14	12.85	244	740682	23.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	82961	10.34	ng		96
3) Pyridine	3.00	79	288046	11.14	ng		96
4) n-Nitrosodimethylamine	2.92	42	112352	11.23	ng	#	99
6) Aniline	6.41	93	295352	11.55	ng	#	65
8) 2-Chlorophenol	6.53	128	210803	11.76	ng		92
9) Benzaldehyde	6.29	77	150322	12.20	ng		94
10) Phenol	6.41	94	261067	11.66	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	191944	10.73	ng		91
12) 1,3-Dichlorobenzene	6.68	146	212386m	10.78	ng		
13) 1,4-Dichlorobenzene	6.76	146	216644	10.87	ng		100
14) 1,2-Dichlorobenzene	6.92	146	209754	12.02	ng		95
15) Benzyl Alcohol	6.90	79	171963	11.18	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	297480	10.88	ng		99
17) 2-Methylphenol	7.01	107	164075	10.95	ng		98
18) Hexachloroethane	7.26	117	79764	10.77	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	146374	11.08	ng		100
20) 3+4-Methylphenols	7.17	107	218947	13.10	ng	#	74
22) Acetophenone	7.16	105	310978	11.82	ng	#	92
24) Nitrobenzene	7.33	77	232052	11.44	ng	#	87
25) Isophorone	7.57	82	400636	11.11	ng		97
26) 2-Nitrophenol	7.65	139	115729	11.82	ng	#	86
27) 2,4-Dimethylphenol	7.70	122	190129	11.91	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	247119	11.72	ng		98
29) 2,4-Dichlorophenol	7.89	162	157654	10.71	ng		86
30) 1,2,4-Trichlorobenzene	7.97	180	171975	10.78	ng	#	94
31) Naphthalene	8.05	128	572711	11.00	ng		98
32) Benzoic acid	7.79	122	117609	10.34	ng		99
33) 4-Chloroaniline	8.11	127	269880	12.31	ng		96
34) Hexachlorobutadiene	8.18	225	98792	11.01	ng		99
35) Caprolactam	8.45	113	47346	9.99	ng	#	61
36) 4-Chloro-3-methylphenol	8.60	107	178769	11.00	ng		86
37) 2-Methylnaphthalene	8.75	142	398977	12.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	161853	10.86	ng		99
40) Hexachlorocyclopentadiene	8.90	237	44006	6.97	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	109434	10.28	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	117924	11.28	ng		97
45) 1,1'-Biphenyl	9.21	154	462333	10.79	ng		97
46) 2-Chloronaphthalene	9.23	162	353007	11.03	ng		94
47) 2-Nitroaniline	9.33	65	126136	11.54	ng		87
48) Acenaphthylene	9.64	152	547185	11.03	ng		99
49) Dimethylphthalate	9.52	163	431565	11.05	ng		99
50) 2,6-Dinitrotoluene	9.57	165	92114	10.76	ng	#	83
51) Acenaphthene	9.81	154	363760	10.68	ng		98
52) 3-Nitroaniline	9.74	138	115732	10.86	ng	#	76
53) 2,4-Dinitrophenol	9.85	184	36141	7.81	ng	#	55
54) Dibenzofuran	9.98	168	492922	12.17	ng		98
55) 4-Nitrophenol	9.92	139	75748	10.23	ng		90
56) 2,4-Dinitrotoluene	9.97	165	115697	10.82	ng		92
57) Fluorene	10.33	166	384138	12.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	94962	10.98	ng		99
59) Diethylphthalate	10.21	149	418306	10.90	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	184827	12.90	ng		90
61) 4-Nitroaniline	10.35	138	118015	11.69	ng		91
62) Azobenzene	10.49	77	466162	11.41	ng		92
64) 4,6-Dinitro-2-methylphenol	10.38	198	61924	9.98	ng		83
65) n-Nitrosodiphenylamine	10.44	169	324977	11.13	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	109966	11.15	ng	#	81
67) Hexachlorobenzene	10.88	284	114692	11.10	ng	#	83
68) Atrazine	10.98	200	104019	11.79	ng		94
69) Pentachlorophenol	11.08	266	46022	8.25	ng		98
70) Phenanthrene	11.29	178	577150	12.28	ng		98
71) Anthracene	11.34	178	589795	11.85	ng		97
72) Carbazole	11.49	167	535528	12.30	ng		97
73) Di-n-butylphthalate	11.84	149	668128	11.97	ng	#	97
74) Fluoranthene	12.48	202	619022	12.61	ng		92
76) Benzidine	12.60	184	293522	12.88	ng		96
77) Pyrene	12.71	202	618243	10.81	ng		97
79) Butylbenzylphthalate	13.33	149	265922	9.94	ng	#	74
80) Benzo(a)anthracene	13.88	228	500284	11.05	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	195236	10.77	ng	#	94
82) Chrysene	13.93	228	506898	10.80	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	338349	9.97	ng	#	97
84) Di-n-octyl phthalate	14.50	149	614525	9.82	ng		97
85) Indeno(1,2,3-cd)pyrene	16.63	276	422270	9.15	ng		100
87) Benzo(b)fluoranthene	14.90	252	464658m	9.81	ng		
88) Benzo(k)fluoranthene	14.92	252	458328m	13.78	ng		
89) Benzo(a)pyrene	15.24	252	447134	10.99	ng	#	95
90) Dibenzo(a,h)anthracene	16.64	278	363136	10.24	ng		99
91) Benzo(g,h,i)perylene	17.03	276	364323	10.11	ng		96

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

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