Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092231.D
Acq On : 13 Jan 2017 3:20
Operator : UM/SJ
Sample : I1131-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Manual Integrations APPROVED
Sohil
1/13/2017 11:07:15 AM

Quant Time: Jan 13 07:02:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	169370	20.00	ng		-0.05
21) Naphthalene-d8	7.89	136	786774	20.00	ng		-0.05
38) Acenaphthene-d10	9.64	164	347977	20.00	ng		-0.05
63) Phenanthrene-d10	11.11	188	486795	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	310006	20.00	ng		-0.05
86) Perylene-d12	15.10	264	351067	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1518970	149.75	ng		-0.03
7) Phenol-d6	6.28	99	1935127	156.26	ng		-0.03
23) Nitrobenzene-d5	7.17	82	1047801	74.05	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	318891	110.73	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1780774	108.41	ng		-0.05
78) Terphenyl-d14	12.69	244	1037056	81.13	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	183029	36.65	ng		96
3) Pyridine	2.70	79	549641	31.54	ng		98
4) n-Nitrosodimethylamine	2.65	42	248968	37.87	ng		95
6) Aniline	6.26	93	359479	22.35	ng	#	64
8) 2-Chlorophenol	6.39	128	513794	44.53	ng		91
9) Benzaldehyde	6.14	77	33026	3.35	ng		98
10) Phenol	6.29	94	670199	47.49	ng	#	62
11) bis(2-Chloroethyl)ether	6.34	93	508397	45.28	ng		96
12) 1,3-Dichlorobenzene	6.54	146	502851	40.82	ng		98
13) 1,4-Dichlorobenzene	6.61	146	445631	35.54	ng		98
14) 1,2-Dichlorobenzene	6.77	146	434327	39.92	ng		99
15) Benzyl Alcohol	6.76	79	347142	36.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	625180	37.39	ng		52
17) 2-Methylphenol	6.89	107	352457	37.98	ng	#	85
18) Hexachloroethane	7.11	117	168507	36.25	ng		91
19) n-Nitroso-di-n-propylamine	7.03	70	349066	42.37	ng		96
20) 3+4-Methylphenols	7.04	107	489451	44.22	ng	#	70
22) Acetophenone	7.02	105	656868	33.85	ng	#	92
24) Nitrobenzene	7.19	77	528730	35.09	ng		96
25) Isophorone	7.43	82	1021842	39.14	ng		95
26) 2-Nitrophenol	7.51	139	295731	39.79	ng	#	87
27) 2,4-Dimethylphenol	7.57	122	471477	38.25	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	626159	39.56	ng		99
29) 2,4-Dichlorophenol	7.76	162	427003	40.91	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	437608	38.26	ng		96
31) Naphthalene	7.91	128	1433823	39.82	ng		98
32) Benzoic acid	7.67	122	25543	2.79	ng		94
33) 4-Chloroaniline	7.97	127	200471	12.35	ng		96
34) Hexachlorobutadiene	8.02	225	224072	37.11	ng		99
35) Caprolactam	8.33	113	114791	33.47	ng	#	64
36) 4-Chloro-3-methylphenol	8.47	107	435564	36.27	ng		95
37) 2-Methylnaphthalene	8.60	142	922587	40.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	421332	47.92	ng		98
40) Hexachlorocyclopentadiene	8.76	237	172059	45.74	ng		98

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Quant Time: Jan 13 07:02:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	279368	45.44	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	292922	46.29	ng		93
45) 1,1'-Biphenyl	9.06	154	1272218	53.40	ng		98
46) 2-Chloronaphthalene	9.09	162	938886	49.76	ng		98
47) 2-Nitroaniline	9.19	65	280133	41.70	ng		97
48) Acenaphthylene	9.50	152	1176132	40.53	ng		98
49) Dimethylphthalate	9.37	163	1161507	52.19	ng		98
50) 2,6-Dinitrotoluene	9.44	165	183506	37.67	ng	#	70
51) Acenaphthene	9.67	154	759653	38.61	ng		99
52) 3-Nitroaniline	9.60	138	148704	24.67	ng		90
53) 2,4-Dinitrophenol	9.72	184	53539	19.75	ng	#	59
54) Dibenzofuran	9.84	168	1022964	38.50	ng		94
55) 4-Nitrophenol	9.80	139	226432	55.32	ng		98
56) 2,4-Dinitrotoluene	9.84	165	254831	41.68	ng		94
57) Fluorene	10.18	166	768818	39.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	199206	39.80	ng		96
59) Diethylphthalate	10.07	149	883443	40.87	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	323675	38.24	ng		99
61) 4-Nitroaniline	10.22	138	187165	29.96	ng		81
62) Azobenzene	10.33	77	922772	38.78	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	90639	30.79	ng		98
65) n-Nitrosodiphenylamine	10.30	169	702011	48.60	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	227504	44.93	ng	#	84
67) Hexachlorobenzene	10.72	284	214661	39.66	ng	#	80
68) Atrazine	10.84	200	229954	49.35	ng		96
69) Pentachlorophenol	10.93	266	169052	63.65	ng		98
70) Phenanthrene	11.13	178	1303971	49.40	ng		99
71) Anthracene	11.19	178	1150932	51.88	ng		98
72) Carbazole	11.35	167	992019	46.17	ng		97
73) Di-n-butylphthalate	11.68	149	1160666	46.55	ng		99
74) Fluoranthene	12.32	202	1437892	63.68	ng		90
76) Benzidine	12.45	184	166453	17.58	ng		97
77) Pyrene	12.54	202	1220698	53.67	ng		99
79) Butylbenzylphthalate	13.17	149	406872	39.33	ng		96
80) Benzo(a)anthracene	13.73	228	997285	56.99	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	173902	26.21	ng		98
82) Chrysene	13.76	228	748539	42.64	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	534294	43.86	ng	#	97
84) Di-n-octyl phthalate	14.35	149	1006453	44.60	ng		98
85) Indeno(1,2,3-cd)pyrene	16.35	276	812148	53.41	ng		100
87) Benzo(b)fluoranthene	14.73	252	1147218m	52.49	ng		
88) Benzo(k)fluoranthene	14.76	252	697943m	37.45	ng		
89) Benzo(a)pyrene	15.04	252	918705	47.36	ng		99
90) Dibenzo(a,h)anthracene	16.36	278	625536	39.23	ng		96
91) Benzo(g,h,i)perylene	16.71	276	687591	41.47	ng	#	95

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

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