Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099048.D
Acq On : 3 Oct 2017 23:35
Operator : SJ/JU
Sample : I5601-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-016MSD

Manual Integrations APPROVED
Sohil
10/4/2017 7:21:26 PM

Quant Time: Oct 04 03:07:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119032	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	469649	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	178228	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	246176	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	216051	20.00	ng		-0.05
86) Perylene-d12	15.51	264	232155	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	899278	120.27	ng		-0.04
7) Phenol-d6	6.51	99	1081984	117.30	ng		-0.04
23) Nitrobenzene-d5	7.44	82	634332	86.62	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	153435	105.21	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	1032334	96.70	ng		-0.05
78) Terphenyl-d14	12.98	244	658372	69.30	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	114805	32.142	ng		98
3) Pyridine	3.46	79	304829	31.548	ng		95
4) n-Nitrosodimethylamine	3.41	42	151483	36.971	ng		86
6) Aniline	6.54	93	405230	32.550	ng		98
8) 2-Chlorophenol	6.66	128	333731	39.412	ng		95
9) Benzaldehyde	6.43	77	161520	30.187	ng		96
10) Phenol	6.52	94	441730	42.819	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	319956	39.896	ng		99
12) 1,3-Dichlorobenzene	6.82	146	346725	39.098	ng		98
13) 1,4-Dichlorobenzene	6.89	146	349557	38.742	ng		99
14) 1,2-Dichlorobenzene	7.05	146	331085	39.713	ng		100
15) Benzyl Alcohol	7.02	79	275563	40.722	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	478565	38.301	ng		97
17) 2-Methylphenol	7.13	107	273375	39.456	ng		97
18) Hexachloroethane	7.39	117	118330	36.486	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	216307	36.729	ng		97
20) 3+4-Methylphenols	7.27	107	332102	37.889	ng		92
22) Acetophenone	7.29	105	439724	38.644	ng	#	96
24) Nitrobenzene	7.46	77	327596	39.434	ng		100
25) Isophorone	7.70	82	596161	39.374	ng		98
26) 2-Nitrophenol	7.77	139	175224	43.862	ng		91
27) 2,4-Dimethylphenol	7.80	122	299022	39.635	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	388607	41.185	ng		100
29) 2,4-Dichlorophenol	8.02	162	258643	39.930	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	260853	40.265	ng		98
31) Naphthalene	8.18	128	880206	39.905	ng		100
32) Benzoic acid	7.90	122	71919	11.605	ng		96
33) 4-Chloroaniline	8.23	127	216643	23.519	ng		96
34) Hexachlorobutadiene	8.29	225	131752	39.484	ng		99
35) Caprolactam	8.59	113	75909m	36.534	ng		
36) 4-Chloro-3-methylphenol	8.70	107	259110	35.590	ng		96
37) 2-Methylnaphthalene	8.87	142	589941	41.142	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	224421	42.222	ng		99
40) Hexachlorocyclopentadiene	9.02	237	85141	35.051	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155392	41.267	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	156857	41.729	ng		97
45) 1,1'-Biphenyl	9.33	154	661198	43.166	ng		99
46) 2-Chloronaphthalene	9.36	162	502114	43.659	ng		98
47) 2-Nitroaniline	9.45	65	147859	41.987	ng		98
48) Acenaphthylene	9.77	152	727859	41.342	ng		99
49) Dimethylphthalate	9.63	163	755074	56.132	ng		99
50) 2,6-Dinitrotoluene	9.70	165	123820	42.281	ng	#	84
51) Acenaphthene	9.94	154	444580	39.864	ng		99
52) 3-Nitroaniline	9.86	138	102845	30.119	ng		93
53) 2,4-Dinitrophenol	9.97	184	38695	29.358	ng		98
54) Dibenzofuran	10.12	168	632632	42.604	ng		98
55) 4-Nitrophenol	10.02	139	177617	61.516	ng		91
56) 2,4-Dinitrotoluene	10.10	165	150992	39.728	ng		95
57) Fluorene	10.46	166	458799	38.441	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	101253	38.994	ng		98
59) Diethylphthalate	10.33	149	536204	40.794	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	214871	40.079	ng		96
61) 4-Nitroaniline	10.47	138	111366	33.805	ng		91
62) Azobenzene	10.61	77	469195	38.822	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	34854	23.270	ng		93
65) n-Nitrosodiphenylamine	10.57	169	413801	48.521	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	114053	47.332	ng		97
67) Hexachlorobenzene	11.01	284	106171	41.254	ng		94
68) Atrazine	11.09	200	119558	46.595	ng		98
69) Pentachlorophenol	11.20	266	104350	65.149	ng		99
70) Phenanthrene	11.42	178	566090	42.960	ng		99
71) Anthracene	11.47	178	581404	43.122	ng		99
72) Carbazole	11.63	167	531057	40.222	ng		100
73) Di-n-butylphthalate	11.95	149	679317	42.745	ng		99
74) Fluoranthene	12.61	202	564810	42.329	ng		99
76) Benzidine	12.73	184	406080	50.817	ng		96
77) Pyrene	12.84	202	584362	35.470	ng		99
79) Butylbenzylphthalate	13.45	149	281548	36.363	ng		94
80) Benzo(a)anthracene	14.03	228	552405	42.225	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	192073	40.050	ng		97
82) Chrysene	14.06	228	528731	42.451	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	405643	38.048	ng	#	99
84) Di-n-octyl phthalate	14.62	149	745846	43.446	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	493839	49.566	ng		95
87) Benzo(b)fluoranthene	15.08	252	558852	39.152	ng	#	97
88) Benzo(k)fluoranthene	15.11	252	563207	39.949	ng		97
89) Benzo(a)pyrene	15.45	252	547237	41.766	ng	#	97
90) Dibenzo(a,h)anthracene	17.02	278	423211	40.361	ng		97
91) Benzo(g,h,i)perylene	17.45	276	385576	37.200	ng		95

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

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