Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091335.D
Acq On : 29 Nov 2016 19:05
Operator : UM/SJ
Sample : H5718-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 30 00:58:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMSD

Manual Integrations APPROVED

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11/30/2016 10:33:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	193383	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	734873	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	443402	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	682935	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	408931	20.00	ng		-0.02
86) Perylene-d12	15.44	264	406092	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1460525	123.38	ng		0.00
7) Phenol-d6	6.50	99	1874844	128.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	1232112	93.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	536763	127.87	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2178545	88.96	ng		0.00
78) Terphenyl-d14	12.97	244	1737819	92.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	200308	37.40	ng		87
3) Pyridine	3.27	79	332688	21.95	ng	#	85
4) n-Nitrosodimethylamine	3.21	42	368856	46.39	ng		97
6) Aniline	6.54	93	278483	14.39	ng	#	69
8) 2-Chlorophenol	6.65	128	547994	42.22	ng		84
9) Benzaldehyde	6.41	77	41034m	4.38	ng		
10) Phenol	6.52	94	762689	44.48	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	565983	46.20	ng		99
12) 1,3-Dichlorobenzene	6.81	146	608940m	42.18	ng		
13) 1,4-Dichlorobenzene	6.88	146	582824	40.58	ng		96
14) 1,2-Dichlorobenzene	7.04	146	602846	45.07	ng		95
15) Benzyl Alcohol	7.01	79	477587	40.95	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1183004	44.91	ng		74
17) 2-Methylphenol	7.12	107	439847	42.87	ng	#	77
18) Hexachloroethane	7.38	117	228094	44.73	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	449850	49.00	ng	#	86
20) 3+4-Methylphenols	7.28	107	593838	47.41	ng	#	62
22) Acetophenone	7.28	105	754621	43.33	ng	#	82
24) Nitrobenzene	7.45	77	676987	50.43	ng	#	87
25) Isophorone	7.69	82	1135849	48.89	ng		99
26) 2-Nitrophenol	7.76	139	296203	48.41	ng		97
27) 2,4-Dimethylphenol	7.81	122	510270	44.58	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	720263	51.51	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	499745	49.63	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	518048	45.89	ng		98
31) Naphthalene	8.17	128	1524184	43.64	ng		100
32) Benzoic acid	7.93	122	335859	39.81	ng		93
33) 4-Chloroaniline	8.23	127	97778	6.55	ng		98
34) Hexachlorobutadiene	8.30	225	318841	45.93	ng		98
35) Caprolactam	8.60	113	142085m	49.10	ng		
36) 4-Chloro-3-methylphenol	8.71	107	528890	48.66	ng		90
37) 2-Methylnaphthalene	8.87	142	1114872	46.99	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	436846	34.95	ng		99
40) Hexachlorocyclopentadiene	9.03	237	611040	105.46	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	363649	44.76	ng		95
43) 2,4,5-Trichlorophenol	9.19	196	345872	42.48	ng		93
45) 1,1'-Biphenyl	9.33	154	1209757	37.94	ng		98
46) 2-Chloronaphthalene	9.35	162	939149	39.55	ng		97
47) 2-Nitroaniline	9.44	65	352194	41.30	ng	#	73
48) Acenaphthylene	9.77	152	1552164	41.53	ng		99
49) Dimethylphthalate	9.64	163	1316096	49.02	ng		97
50) 2,6-Dinitrotoluene	9.69	165	279869	46.64	ng		87
51) Acenaphthene	9.94	154	1202656	47.70	ng		96
52) 3-Nitroaniline	9.85	138	107257	15.44	ng		90
53) 2,4-Dinitrophenol	9.97	184	323386	123.23	ng	#	85
54) Dibenzofuran	10.12	168	1454059	43.07	ng		95
55) 4-Nitrophenol	10.02	139	459232	91.54	ng		95
56) 2,4-Dinitrotoluene	10.09	165	329111	42.28	ng	#	64
57) Fluorene	10.46	166	1122859	43.33	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	303776	43.70	ng		97
59) Diethylphthalate	10.33	149	1064927	40.18	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	484845	37.30	ng	#	86
61) 4-Nitroaniline	10.47	138	211365	32.41	ng		89
62) Azobenzene	10.61	77	1212086	44.82	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	203191	54.00	ng	#	37
65) n-Nitrosodiphenylamine	10.57	169	967694	46.74	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	360143	49.06	ng	#	85
67) Hexachlorobenzene	11.01	284	347025	43.75	ng	#	86
68) Atrazine	11.10	200	333506	49.73	ng		94
69) Pentachlorophenol	11.19	266	397108	85.04	ng		96
70) Phenanthrene	11.42	178	1548647	43.64	ng		99
71) Anthracene	11.46	178	1504299	42.71	ng		99
72) Carbazole	11.61	167	1243422	38.91	ng		99
73) Di-n-butylphthalate	11.96	149	1673577	46.21	ng		99
74) Fluoranthene	12.60	202	1464417	43.57	ng		99
77) Pyrene	12.83	202	1498441	48.28	ng		100
79) Butylbenzylphthalate	13.45	149	598540	51.51	ng	#	79
80) Benzo(a)anthracene	14.00	228	1066879	44.61	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	209208	24.83	ng	#	98
82) Chrysene	14.05	228	1121482	47.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	766232	52.02	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1178163	52.86	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1241338	57.28	ng		95
87) Benzo(b)fluoranthene	15.03	252	1119846	44.37	ng		98
88) Benzo(k)fluoranthene	15.07	252	810560m	38.19	ng		
89) Benzo(a)pyrene	15.39	252	975184	43.02	ng		96
90) Dibenzo(a,h)anthracene	16.87	278	1022140	48.75	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	1054163	48.77	ng		99

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

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