Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091397.D
Acq On : 2 Dec 2016 18:56
Operator : UM/SJ
Sample : H5819-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
113016-02MSD

Manual Integrations APPROVED
sohil
12/5/2016 11:20:56 AM

Quant Time: Dec 02 23:06:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200927	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	846962	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	484733	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	832668	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	618056	20.00	ng		-0.02
86) Perylene-d12	15.45	264	524000	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1243776	101.12	ng		0.00
7) Phenol-d6	6.49	99	1779445	117.53	ng		0.00
23) Nitrobenzene-d5	7.43	82	1175738	77.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	564942	123.11	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1888623	70.55	ng		-0.02
78) Terphenyl-d14	12.97	244	2034304	71.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	156761	28.17	ng	#	83
3) Pyridine	3.22	79	471312	29.93	ng	#	82
4) n-Nitrosodimethylamine	3.18	42	314057	38.01	ng		98
6) Aniline	6.53	93	573770	28.53	ng	#	69
8) 2-Chlorophenol	6.65	128	478250	35.46	ng		94
9) Benzaldehyde	6.40	77	141404	14.52	ng		87
10) Phenol	6.50	94	658248	36.95	ng		88
11) bis(2-Chloroethyl)ether	6.60	93	433096	34.02	ng		92
12) 1,3-Dichlorobenzene	6.80	146	532135	35.47	ng		97
13) 1,4-Dichlorobenzene	6.88	146	542762	36.37	ng		98
14) 1,2-Dichlorobenzene	7.03	146	474295	34.13	ng		98
15) Benzyl Alcohol	7.01	79	504787	41.66	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	983051	35.92	ng		71
17) 2-Methylphenol	7.12	107	430336	40.37	ng	#	75
18) Hexachloroethane	7.37	117	186453	35.19	ng	#	86
19) n-Nitroso-di-n-propylamine	7.28	70	356636	37.39	ng	#	98
20) 3+4-Methylphenols	7.27	107	470150	36.13	ng	#	68
22) Acetophenone	7.27	105	690533	34.40	ng	#	75
24) Nitrobenzene	7.44	77	493011	31.86	ng		94
25) Isophorone	7.69	82	1026314	38.33	ng		95
26) 2-Nitrophenol	7.76	139	269938	38.28	ng		95
27) 2,4-Dimethylphenol	7.81	122	487853	36.98	ng		92
28) bis(2-Chloroethoxy)methane	7.90	93	624475	38.75	ng		99
29) 2,4-Dichlorophenol	8.00	162	424053	36.54	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	477383	36.69	ng		97
31) Naphthalene	8.17	128	1481458	36.80	ng		100
32) Benzoic acid	7.90	122	142137	14.62	ng		95
33) 4-Chloroaniline	8.22	127	312687	18.17	ng		95
34) Hexachlorobutadiene	8.29	225	265545	33.19	ng		97
35) Caprolactam	8.60	113	150233m	45.04	ng		
36) 4-Chloro-3-methylphenol	8.70	107	458875	36.63	ng		99
37) 2-Methylnaphthalene	8.86	142	940765	34.40	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	499127	36.53	ng		99
40) Hexachlorocyclopentadiene	9.02	237	512621	80.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	334264	37.64	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	323620	36.36	ng	#	89
45) 1,1'-Biphenyl	9.33	154	1270114	36.44	ng		96
46) 2-Chloronaphthalene	9.35	162	941595	36.27	ng		97
47) 2-Nitroaniline	9.44	65	338226	36.28	ng	#	79
48) Acenaphthylene	9.76	152	1333546	32.63	ng		98
49) Dimethylphthalate	9.64	163	1359989	46.34	ng		98
50) 2,6-Dinitrotoluene	9.69	165	265843	40.52	ng	#	57
51) Acenaphthene	9.93	154	986645	35.80	ng		96
52) 3-Nitroaniline	9.85	138	184648	24.32	ng		95
53) 2,4-Dinitrophenol	9.96	184	227140m	79.18	ng		
54) Dibenzofuran	10.10	168	1322332	35.83	ng		99
55) 4-Nitrophenol	10.02	139	469026	85.52	ng	#	64
56) 2,4-Dinitrotoluene	10.09	165	377881	44.41	ng		91
57) Fluorene	10.45	166	931790	32.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	294553	38.76	ng		96
59) Diethylphthalate	10.33	149	1113414	38.43	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	504512	35.50	ng		99
61) 4-Nitroaniline	10.47	138	236162	33.12	ng		84
62) Azobenzene	10.61	77	1225134	41.44	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	178312	38.87	ng		89
65) n-Nitrosodiphenylamine	10.56	169	851216	33.72	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	330856	36.97	ng	#	72
67) Hexachlorobenzene	11.00	284	332103	34.34	ng	#	83
68) Atrazine	11.09	200	274051	33.52	ng		98
69) Pentachlorophenol	11.19	266	395237	69.42	ng		95
70) Phenanthrene	11.41	178	1416648	32.74	ng		99
71) Anthracene	11.46	178	1675958	39.03	ng		99
72) Carbazole	11.61	167	1355030	34.77	ng		99
73) Di-n-butylphthalate	11.96	149	1735777	39.31	ng		99
74) Fluoranthene	12.60	202	1676404	40.90	ng		98
76) Benzidine	12.71	184	619243	34.13	ng		99
77) Pyrene	12.83	202	1674413	35.70	ng		99
79) Butylbenzylphthalate	13.44	149	676834	38.54	ng		88
80) Benzo(a)anthracene	14.00	228	1262686	34.93	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	294049	23.09	ng	#	97
82) Chrysene	14.05	228	1254399	35.08	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	906779	40.73	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1418645	42.11	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1162624	35.50	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1226096m	37.64	ng		
88) Benzo(k)fluoranthene	15.07	252	942878m	34.43	ng		
89) Benzo(a)pyrene	15.40	252	1043104	35.66	ng	#	92
90) Dibenzo(a,h)anthracene	16.87	278	950951	35.15	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	970062	34.78	ng		97

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

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