Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088155.D
Acq On : 19 Jun 2016 1:51
Operator : UM/SJ
Sample : H3611-13MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Manual Integrations APPROVED
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6/20/2016 6:57:09 PM

Quant Time: Jun 20 15:08:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	91125	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	348278	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	137669	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	215131	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	141437	20.00	ng		-0.01
86) Perylene-d12	15.21	264	126186	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	662795	124.34	ng		0.02
7) Phenol-d6	6.35	99	756102	117.04	ng		0.00
23) Nitrobenzene-d5	7.26	82	490601	82.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	139365	95.87	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	871186	100.41	ng		-0.02
78) Terphenyl-d14	12.79	244	664266	106.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	94413	36.45	ng	#	87
3) Pyridine	3.06	79	97422m	15.93	ng		
4) n-Nitrosodimethylamine	2.96	42	107464	41.49	ng		82
6) Aniline	6.36	93	58468	6.36	ng	#	1
8) 2-Chlorophenol	6.48	128	285906	45.32	ng		93
9) Benzaldehyde	6.24	77	12673	2.78	ng		96
10) Phenol	6.36	94	313820	47.17	ng		92
11) bis(2-Chloroethyl)ether	6.43	93	261767	46.21	ng		88
12) 1,3-Dichlorobenzene	6.63	146	276881	40.90	ng		95
13) 1,4-Dichlorobenzene	6.71	146	291992	42.82	ng		97
14) 1,2-Dichlorobenzene	6.86	146	256952m	41.43	ng		
15) Benzyl Alcohol	6.84	79	106855	21.14	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	306066	39.99	ng		64
17) 2-Methylphenol	6.97	107	222449	43.48	ng	#	94
18) Hexachloroethane	7.20	117	87499	36.16	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	193812	46.90	ng	#	81
20) 3+4-Methylphenols	7.13	107	284476	47.65	ng	#	74
22) Acetophenone	7.11	105	386089	49.61	ng	#	97
24) Nitrobenzene	7.28	77	280349	48.53	ng		95
25) Isophorone	7.52	82	496439	44.94	ng		99
26) 2-Nitrophenol	7.60	139	121333	39.21	ng	#	73
27) 2,4-Dimethylphenol	7.64	122	232845	40.86	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	278103	40.59	ng		98
29) 2,4-Dichlorophenol	7.85	162	213944	44.97	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	228705	44.15	ng		99
31) Naphthalene	8.00	128	952442	55.26	ng		99
32) Benzoic acid	7.78	122	100239	31.95	ng		92
33) 4-Chloroaniline	8.06	127	26636	3.46	ng		97
34) Hexachlorobutadiene	8.11	225	118771	43.47	ng		98
35) Caprolactam	8.43	113	47682	30.26	ng	#	63
36) 4-Chloro-3-methylphenol	8.56	107	209708	41.22	ng		89
37) 2-Methylnaphthalene	8.68	142	470269	41.40	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211512	78.34	ng	#	1
40) Hexachlorocyclopentadiene	8.83	237	21479	9.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	128161	46.55	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	133075	46.46	ng		99
45) 1,1'-Biphenyl	9.15	154	583975	58.35	ng		97
46) 2-Chloronaphthalene	9.18	162	443194	49.75	ng		97
47) 2-Nitroaniline	9.28	65	122377	46.57	ng	#	84
48) Acenaphthylene	9.59	152	640411	45.19	ng		99
49) Dimethylphthalate	9.46	163	556994	55.85	ng		99
50) 2,6-Dinitrotoluene	9.52	165	94923	41.56	ng	#	75
51) Acenaphthene	9.76	154	402119	45.49	ng		99
52) 3-Nitroaniline	9.69	138	62114	23.57	ng	#	78
53) 2,4-Dinitrophenol	9.80	184	12863	15.13	ng	#	87
54) Dibenzofuran	9.93	168	578580	47.53	ng		93
55) 4-Nitrophenol	9.87	139	92675	45.31	ng		91
56) 2,4-Dinitrotoluene	9.92	165	97152	33.10	ng	#	48
57) Fluorene	10.27	166	437181	54.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	98787	43.89	ng	#	56
59) Diethylphthalate	10.16	149	518041	51.32	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	173630	42.89	ng		92
61) 4-Nitroaniline	10.30	138	81776	32.71	ng		97
62) Azobenzene	10.42	77	379562	38.02	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	11992	10.69	ng		91
65) n-Nitrosodiphenylamine	10.39	169	213842	29.96	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	121188	52.51	ng		96
67) Hexachlorobenzene	10.82	284	118189	49.29	ng	#	71
68) Atrazine	10.91	200	15649	7.24	ng		97
69) Pentachlorophenol	11.02	266	82786	65.49	ng		97
70) Phenanthrene	11.22	178	542032	48.01	ng		100
71) Anthracene	11.28	178	571308	50.17	ng		99
72) Carbazole	11.44	167	334316	31.37	ng		98
73) Di-n-butylphthalate	11.77	149	672280	49.84	ng		100
74) Fluoranthene	12.41	202	560305	47.03	ng		98
77) Pyrene	12.64	202	564180	53.75	ng		98
79) Butylbenzylphthalate	13.26	149	265122	57.14	ng	#	82
80) Benzo(a)anthracene	13.82	228	424159	52.63	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	11066	5.11	ng	#	92
82) Chrysene	13.86	228	460393	60.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	349244	61.83	ng	#	98
84) Di-n-octyl phthalate	14.43	149	665997	72.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	356384	50.59	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	441563m	50.21	ng		
88) Benzo(k)fluoranthene	14.86	252	350921m	52.89	ng		
89) Benzo(a)pyrene	15.15	252	361322	50.78	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	306866	46.43	ng		97
91) Benzo(g,h,i)perylene	16.90	276	298921	43.97	ng		99

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

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