Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087908.D
Acq On : 11 Jun 2016 18:06
Operator : UM/SJ
Sample : PB91119BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91119BSD

Manual Integrations APPROVED
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6/13/2016 7:44:25 PM

Quant Time: Jun 12 05:22:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101688	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	389244	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	221359	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	402611	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	284748	20.00	ng		-0.02
86) Perylene-d12	15.38	264	228364	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	761398	128.00	ng		-0.02
7) Phenol-d6	6.44	99	915880	127.05	ng		-0.03
23) Nitrobenzene-d5	7.37	82	540147	81.03	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	229734	98.29	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1154012	81.68	ng		-0.03
78) Terphenyl-d14	12.91	244	970509	77.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	79656	27.56	ng	#	35
3) Pyridine	3.12	79	232543	34.08	ng		97
4) n-Nitrosodimethylamine	3.06	42	97028	33.57	ng		89
6) Aniline	6.47	93	278902	27.18	ng		98
8) 2-Chlorophenol	6.59	128	296016	42.04	ng	#	80
10) Phenol	6.46	94	387497	52.48	ng		83
11) bis(2-Chloroethyl)ether	6.55	93	268942	42.55	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	292505	38.72	ng		97
13) 1,4-Dichlorobenzene	6.82	146	303541	39.89	ng		98
14) 1,2-Dichlorobenzene	6.97	146	270202m	39.04	ng		
15) Benzyl Alcohol	6.95	79	223959	39.71	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	346480	40.57	ng		95
17) 2-Methylphenol	7.06	107	243024	42.56	ng		98
18) Hexachloroethane	7.31	117	102290	37.88	ng	#	85
19) n-Nitroso-di-n-propylamine	7.22	70	185370	40.20	ng		93
20) 3+4-Methylphenols	7.22	107	290295	43.58	ng		91
22) Acetophenone	7.22	105	377707	43.42	ng	#	92
24) Nitrobenzene	7.39	77	310493	48.09	ng		98
25) Isophorone	7.63	82	537948	43.57	ng		98
26) 2-Nitrophenol	7.70	139	155166	44.86	ng		95
27) 2,4-Dimethylphenol	7.75	122	266047	41.78	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	349917	45.69	ng		98
29) 2,4-Dichlorophenol	7.95	162	252486	47.48	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	214013	36.96	ng		99
31) Naphthalene	8.11	128	761237	39.52	ng		99
32) Benzoic acid	7.88	122	191024	54.47	ng	#	86
33) 4-Chloroaniline	8.16	127	182407	21.21	ng		99
34) Hexachlorobutadiene	8.24	225	114083	37.36	ng		99
35) Caprolactam	8.54	113	76728m	43.56	ng		
36) 4-Chloro-3-methylphenol	8.65	107	238678	41.97	ng		99
37) 2-Methylnaphthalene	8.81	142	564295	44.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	211918	33.89	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	222858	62.41	ng		99
42) 2,4,6-Trichlorophenol	9.08	196	179327	40.51	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	177543	38.55	ng	#	92
45) 1,1'-Biphenyl	9.27	154	685734	40.68	ng		99
46) 2-Chloronaphthalene	9.29	162	532431	37.17	ng		100
47) 2-Nitroaniline	9.39	65	187227	44.31	ng	#	83
48) Acenaphthylene	9.71	152	940622	41.28	ng		99
49) Dimethylphthalate	9.58	163	620324	38.69	ng		100
50) 2,6-Dinitrotoluene	9.63	165	137092	37.33	ng	#	63
51) Acenaphthene	9.88	154	629856	44.31	ng		99
52) 3-Nitroaniline	9.80	138	120089	28.34	ng	#	76
53) 2,4-Dinitrophenol	9.91	184	151939	76.39	ng		97
54) Dibenzofuran	10.06	168	824079	42.10	ng		94
55) 4-Nitrophenol	9.98	139	304271	92.52	ng	#	75
56) 2,4-Dinitrotoluene	10.04	165	219407	46.49	ng		95
57) Fluorene	10.40	166	635471	48.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	149947	41.43	ng	#	53
59) Diethylphthalate	10.27	149	637550	39.28	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	234215	35.98	ng		96
61) 4-Nitroaniline	10.42	138	185425	46.13	ng		93
62) Azobenzene	10.55	77	649030	40.44	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103063	41.32	ng		92
65) n-Nitrosodiphenylamine	10.51	169	588356	44.04	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	182575	42.27	ng		96
67) Hexachlorobenzene	10.95	284	184517	41.11	ng	#	68
68) Atrazine	11.04	200	150458	37.19	ng		92
69) Pentachlorophenol	11.14	266	222011	93.85	ng		98
70) Phenanthrene	11.36	178	938043	44.40	ng		99
71) Anthracene	11.40	178	844667	39.64	ng		100
72) Carbazole	11.56	167	955842	47.93	ng		98
73) Di-n-butylphthalate	11.90	149	931054	36.88	ng		99
74) Fluoranthene	12.54	202	846702	37.98	ng		98
76) Benzidine	12.66	184	346666	43.97	ng		98
77) Pyrene	12.77	202	856424	40.53	ng		100
79) Butylbenzylphthalate	13.39	149	445170	47.65	ng		93
80) Benzo(a)anthracene	13.95	228	654066	40.31	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	153118	35.09	ng	#	97
82) Chrysene	13.99	228	628938	41.20	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	439537	38.65	ng		100
84) Di-n-octyl phthalate	14.57	149	898581	48.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	546945	38.56	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	719663m	45.21	ng		
88) Benzo(k)fluoranthene	15.01	252	461287m	38.42	ng		
89) Benzo(a)pyrene	15.33	252	569908	44.26	ng	#	94
90) Dibenzo(a,h)anthracene	16.77	278	453627	37.93	ng		97
91) Benzo(g,h,i)perylene	17.17	276	447487	36.37	ng		98

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

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