Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082821.D
Acq On : 8 Nov 2015 4:32
Operator : UM/IZ
Sample : G4206-02MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMSD

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:42 PM

Quant Time: Nov 09 02:39:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	210933	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	765741	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	376769	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	642525	20.00	ng		0.00
75) Chrysene-d12	14.01	240	409803	20.00	ng		-0.01
86) Perylene-d12	15.44	264	450411	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1535440	113.26	ng		0.03
7) Phenol-d6	6.50	99	1755843	97.42	ng		0.02
23) Nitrobenzene-d5	7.41	82	1495354	84.97	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	417011	96.53	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2058435	78.30	ng		0.00
78) Terphenyl-d14	12.96	244	1541619	89.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	211848	36.22	ng	#	80
3) Pyridine	3.32	79	461074m	27.16	ng		
4) n-Nitrosodimethylamine	3.25	42	296643	35.24	ng	#	76
6) Aniline	6.51	93	315869	12.48	ng	#	1
8) 2-Chlorophenol	6.65	128	545112	36.27	ng		99
10) Phenol	6.51	94	658074	32.18	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	592783	38.76	ng		92
12) 1,3-Dichlorobenzene	6.80	146	658408	38.85	ng	#	88
13) 1,4-Dichlorobenzene	6.88	146	618402m	35.07	ng		
14) 1,2-Dichlorobenzene	7.02	146	596625	37.20	ng		97
15) Benzyl Alcohol	7.00	79	618377	39.07	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	935424	41.70	ng		95
17) 2-Methylphenol	7.12	107	467751	36.75	ng		99
18) Hexachloroethane	7.37	117	225298	35.72	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	495798	37.42	ng	#	88
20) 3+4-Methylphenols	7.28	107	606776	36.66	ng	#	66
22) Acetophenone	7.26	105	834714	38.04	ng	#	93
24) Nitrobenzene	7.44	77	714135	39.68	ng		92
25) Isophorone	7.68	82	1227477	37.70	ng		98
26) 2-Nitrophenol	7.76	139	317854	42.31	ng	#	68
27) 2,4-Dimethylphenol	7.80	122	568199	42.10	ng		93
28) bis(2-Chloroethoxy)methane	7.89	93	801539	43.64	ng		99
29) 2,4-Dichlorophenol	8.00	162	473445	38.81	ng		84
30) 1,2,4-Trichlorobenzene	8.09	180	526604	38.39	ng	#	93
31) Naphthalene	8.16	128	1565783	37.06	ng		99
32) Benzoic acid	7.93	122	338511	36.63	ng		89
33) 4-Chloroaniline	8.20	127	147344	8.09	ng		96
34) Hexachlorobutadiene	8.28	225	312932	36.45	ng		98
35) Caprolactam	8.58	113	135275	35.17	ng	#	70
36) 4-Chloro-3-methylphenol	8.70	107	565052	39.39	ng	#	81
37) 2-Methylnaphthalene	8.85	142	1047591	38.33	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	543451	43.89	ng		98
40) Hexachlorocyclopentadiene	9.01	237	294060	44.21	ng		98
42) 2,4,6-Trichlorophenol	9.14	196	352423	38.13	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	391405m	42.82	ng		
45) 1,1'-Biphenyl	9.32	154	1376028	42.56	ng		99
46) 2-Chloronaphthalene	9.34	162	1049700	41.62	ng		100
47) 2-Nitroaniline	9.44	65	411244	43.96	ng	#	81
48) Acenaphthylene	9.76	152	1516516	38.37	ng		100
49) Dimethylphthalate	9.62	163	1139960	36.93	ng		100
50) 2,6-Dinitrotoluene	9.68	165	241512	36.67	ng		95
51) Acenaphthene	9.93	154	974044	38.89	ng		99
52) 3-Nitroaniline	9.84	138	146542	20.23	ng		94
53) 2,4-Dinitrophenol	9.95	184	132737	36.71	ng	#	12
54) Dibenzofuran	10.10	168	1323628	39.19	ng		94
55) 4-Nitrophenol	10.02	139	379412	68.27	ng		85
56) 2,4-Dinitrotoluene	10.08	165	324872	36.35	ng		91
57) Fluorene	10.44	166	1020758	37.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	272667	36.55	ng	#	88
59) Diethylphthalate	10.32	149	1172943	38.92	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	498171	36.40	ng	#	78
61) 4-Nitroaniline	10.45	138	200271	27.49	ng	#	85
62) Azobenzene	10.59	77	1290186	39.85	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	103566	22.62	ng		90
65) n-Nitrosodiphenylamine	10.56	169	993299	42.79	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	291867	37.72	ng	#	73
67) Hexachlorobenzene	10.99	284	320046	37.05	ng	#	84
68) Atrazine	11.08	200	257522	35.88	ng		98
69) Pentachlorophenol	11.18	266	336744	64.19	ng		99
70) Phenanthrene	11.40	178	1505624	40.35	ng		99
71) Anthracene	11.45	178	1399025	35.59	ng		99
72) Carbazole	11.61	167	1359465	39.51	ng		98
73) Di-n-butylphthalate	11.95	149	1734319	40.46	ng	#	96
74) Fluoranthene	12.59	202	1386491	34.63	ng		95
76) Benzidine	12.71	184	250817	18.26	ng		98
77) Pyrene	12.81	202	1319874	46.90	ng		98
79) Butylbenzylphthalate	13.44	149	599935	48.25	ng		99
80) Benzo(a)anthracene	14.00	228	1110978	43.35	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	339229	37.24	ng		99
82) Chrysene	14.04	228	1134167	48.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	826966	48.60	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1335876	47.06	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	1009565	49.94	ng		97
87) Benzo(b)fluoranthene	15.04	252	1200589m	41.53	ng		
88) Benzo(k)fluoranthene	15.06	252	858822m	33.49	ng		
89) Benzo(a)pyrene	15.38	252	994682	39.71	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	861295	40.61	ng		98
91) Benzo(g,h,i)perylene	17.25	276	793305	39.05	ng		99

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

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