Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086838.D
Acq On : 9 May 2016 23:31
Operator : UM/SJ
Sample : H2895-04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4-6-7FT

Manual Integrations APPROVED
sohil
5/10/2016 11:06:03 AM

Quant Time: May 10 03:37:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187856	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	788550	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	387906	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	709107	20.00	ng		0.00
75) Chrysene-d12	13.84	240	517959	20.00	ng		0.00
86) Perylene-d12	15.21	264	411277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	916830	82.65	ng		0.00
7) Phenol-d6	6.35	99	1129460	76.19	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1202384	76.56	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	325461	79.25	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1612891	69.88	ng		0.00
78) Terphenyl-d14	12.79	244	1806489	74.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	199488	36.63	ng	#	71
3) Pyridine	2.85	79	568932	42.73	ng	#	60
4) n-Nitrosodimethylamine	2.82	42	370344	38.36	ng	#	52
6) Aniline	6.36	93	694409	38.73	ng	#	66
8) 2-Chlorophenol	6.49	128	502396	37.53	ng		97
9) Benzaldehyde	6.24	77	309454	36.05	ng		93
10) Phenol	6.37	94	617346	35.03	ng		79
11) bis(2-Chloroethyl)ether	6.44	93	561891	40.90	ng		93
12) 1,3-Dichlorobenzene	6.62	146	543802	37.54	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	539480	36.52	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	508873	39.53	ng		98
15) Benzyl Alcohol	6.85	79	397774	38.86	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1061168	35.52	ng		66
17) 2-Methylphenol	6.98	107	415263	38.99	ng	#	82
18) Hexachloroethane	7.20	117	210808	37.93	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	420760	40.61	ng	#	77
20) 3+4-Methylphenols	7.14	107	544748	39.16	ng	#	57
22) Acetophenone	7.12	105	711377	38.19	ng		98
24) Nitrobenzene	7.29	77	626410	38.78	ng		98
25) Isophorone	7.53	82	1086085	37.27	ng		99
26) 2-Nitrophenol	7.61	139	280903	39.56	ng		95
27) 2,4-Dimethylphenol	7.65	122	422080	34.89	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	637475	40.56	ng		98
29) 2,4-Dichlorophenol	7.85	162	400286	37.60	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	460007	38.64	ng		99
31) Naphthalene	8.01	128	1466124	37.12	ng		100
32) Benzoic acid	7.81	122	301857	42.49	ng	#	81
33) 4-Chloroaniline	8.06	127	600161	39.11	ng	#	94
34) Hexachlorobutadiene	8.12	225	263093	38.09	ng		98
35) Caprolactam	8.45	113	133899	36.96	ng	#	50
36) 4-Chloro-3-methylphenol	8.57	107	469614	36.37	ng		93
37) 2-Methylnaphthalene	8.69	142	928911	40.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	408604	36.23	ng		100
40) Hexachlorocyclopentadiene	8.84	237	183567	34.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274461	36.39	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	293840	37.67	ng	#	87
45) 1,1'-Biphenyl	9.16	154	1229249	39.84	ng		98
46) 2-Chloronaphthalene	9.18	162	952245	39.39	ng		99
47) 2-Nitroaniline	9.29	65	337095	38.16	ng	#	76
48) Acenaphthylene	9.60	152	1445702	40.66	ng		99
49) Dimethylphthalate	9.47	163	1083542	36.61	ng		100
50) 2,6-Dinitrotoluene	9.53	165	222572	35.74	ng	#	69
51) Acenaphthene	9.77	154	902291	40.79	ng		99
52) 3-Nitroaniline	9.70	138	241793	36.88	ng	#	76
53) 2,4-Dinitrophenol	9.81	184	105501	37.65	ng	#	82
54) Dibenzofuran	9.94	168	1164154	41.00	ng		100
55) 4-Nitrophenol	9.88	139	167214	40.63	ng	#	48
56) 2,4-Dinitrotoluene	9.94	165	289961	37.62	ng	#	85
57) Fluorene	10.28	166	963939	39.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229820	39.14	ng		98
59) Diethylphthalate	10.17	149	1134024	39.32	ng		96
60) 4-Chlorophenyl-phenylether	10.27	204	417695	38.16	ng		96
61) 4-Nitroaniline	10.32	138	263389	41.82	ng	#	71
62) Azobenzene	10.43	77	1200604	38.59	ng		88
64) 4,6-Dinitro-2-methylphenol	10.34	198	162006	36.78	ng	#	34
65) n-Nitrosodiphenylamine	10.40	169	840265	38.57	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	291566	40.55	ng	#	81
67) Hexachlorobenzene	10.82	284	301320	35.86	ng	#	75
68) Atrazine	10.93	200	276702	38.02	ng		95
69) Pentachlorophenol	11.02	266	165778	42.69	ng		98
70) Phenanthrene	11.23	178	1280376	33.83	ng		100
71) Anthracene	11.29	178	1533326	39.62	ng		100
72) Carbazole	11.45	167	1295204	38.93	ng		98
73) Di-n-butylphthalate	11.78	149	1616789	39.79	ng	#	99
74) Fluoranthene	12.41	202	1441438	37.03	ng		99
76) Benzidine	12.54	184	529218	40.08	ng		98
77) Pyrene	12.64	202	1360549	34.31	ng		100
79) Butylbenzylphthalate	13.27	149	632766	37.73	ng	#	74
80) Benzo(a)anthracene	13.83	228	1078765	37.10	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	745037	40.33	ng	#	95
82) Chrysene	13.86	228	951529	32.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	778646	38.59	ng		98
84) Di-n-octyl phthalate	14.43	149	1295655	38.77	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	927317	37.68	ng		95
87) Benzo(b)fluoranthene	14.83	252	1011243m	37.83	ng		
88) Benzo(k)fluoranthene	14.85	252	804045m	36.74	ng		
89) Benzo(a)pyrene	15.15	252	843130	36.57	ng		97
90) Dibenzo(a,h)anthracene	16.51	278	759626	39.09	ng		96
91) Benzo(g,h,i)perylene	16.89	276	778871	39.45	ng	#	93

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

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