Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085219.D
Acq On : 4 Mar 2016 22:57
Operator : SJ/IZ
Sample : H1645-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:46 PM

Quant Time: Mar 07 11:35:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177324	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	689876	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	313795	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	601202	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	435545	20.00	ng		-0.01
86) Perylene-d12	15.60	264	302917	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1296846	122.67	ng		0.02
7) Phenol-d6	6.61	99	1526663	110.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	1163629	90.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	366776	136.60	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1924683	93.28	ng		-0.01
78) Terphenyl-d14	13.09	244	1538422	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	188505	34.87	ng	#	84
3) Pyridine	3.60	79	441536	32.63	ng		96
4) n-Nitrosodimethylamine	3.53	42	218389	37.71	ng		92
6) Aniline	6.63	93	322641	16.62	ng		99
8) 2-Chlorophenol	6.76	128	490077	38.51	ng		91
9) Benzaldehyde	6.52	77	123121	15.49	ng		98
10) Phenol	6.62	94	608765m	41.04	ng		
11) bis(2-Chloroethyl)ether	6.71	93	517475	42.00	ng		99
12) 1,3-Dichlorobenzene	6.92	146	561926	41.12	ng		97
13) 1,4-Dichlorobenzene	7.00	146	549059m	40.09	ng		
14) 1,2-Dichlorobenzene	7.14	146	527914	42.49	ng		99
15) Benzyl Alcohol	7.11	79	441838	43.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	672749	37.88	ng		100
17) 2-Methylphenol	7.22	107	447996	43.14	ng		98
18) Hexachloroethane	7.49	117	207544	41.08	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	365019	40.44	ng	#	90
20) 3+4-Methylphenols	7.37	107	497244	40.42	ng		93
22) Acetophenone	7.38	105	686444	40.77	ng	#	99
24) Nitrobenzene	7.56	77	584431	44.63	ng		97
25) Isophorone	7.80	82	1031814	43.19	ng		99
26) 2-Nitrophenol	7.88	139	292169	45.84	ng		96
27) 2,4-Dimethylphenol	7.91	122	520514	44.69	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	608841	45.76	ng		100
29) 2,4-Dichlorophenol	8.12	162	434681	46.28	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	451675	44.48	ng		99
31) Naphthalene	8.28	128	1544390	45.53	ng		99
32) Benzoic acid	7.99	122	111426	14.40	ng		97
33) 4-Chloroaniline	8.32	127	208494	15.20	ng		95
34) Hexachlorobutadiene	8.40	225	236030	44.67	ng		99
35) Caprolactam	8.70	113	127659m	41.61	ng		
36) 4-Chloro-3-methylphenol	8.80	107	456342	42.82	ng		97
37) 2-Methylnaphthalene	8.97	142	1056649	48.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	377083	42.02	ng		98
40) Hexachlorocyclopentadiene	9.12	237	398205	82.27	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	317115	47.47	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	288318	45.52	ng		94
45) 1,1'-Biphenyl	9.44	154	1156564	43.14	ng		93
46) 2-Chloronaphthalene	9.46	162	932927	45.65	ng		98
47) 2-Nitroaniline	9.56	65	314050	49.59	ng	#	79
48) Acenaphthylene	9.88	152	1345809	42.31	ng		99
49) Dimethylphthalate	9.74	163	1154493	47.93	ng		100
50) 2,6-Dinitrotoluene	9.80	165	229070	44.46	ng		95
51) Acenaphthene	10.05	154	808179	41.85	ng		99
52) 3-Nitroaniline	9.97	138	192060	31.16	ng		92
53) 2,4-Dinitrophenol	10.07	184	66073	30.76	ng	#	33
54) Dibenzofuran	10.22	168	1176200	46.49	ng		99
55) 4-Nitrophenol	10.12	139	366254	75.60	ng	#	74
56) 2,4-Dinitrotoluene	10.20	165	291110	44.15	ng		93
57) Fluorene	10.56	166	867796	43.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210373	47.28	ng		99
59) Diethylphthalate	10.44	149	1052900	45.05	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	408351	42.23	ng		92
61) 4-Nitroaniline	10.58	138	261477	45.35	ng		80
62) Azobenzene	10.71	77	1082765	47.02	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	79208	22.00	ng		99
65) n-Nitrosodiphenylamine	10.68	169	875561	46.82	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	248331	42.54	ng	#	88
67) Hexachlorobenzene	11.11	284	273397	43.90	ng	#	87
68) Atrazine	11.20	200	293700	56.48	ng		96
69) Pentachlorophenol	11.30	266	249413	72.15	ng		99
70) Phenanthrene	11.52	178	1322354	41.97	ng		99
71) Anthracene	11.58	178	1459140	43.62	ng		99
72) Carbazole	11.73	167	1164165	39.69	ng		99
73) Di-n-butylphthalate	12.06	149	1593996	43.00	ng		99
74) Fluoranthene	12.71	202	1266048	40.04	ng		97
76) Benzidine	12.82	184	339701	26.21	ng		98
77) Pyrene	12.94	202	1284408	39.18	ng		100
79) Butylbenzylphthalate	13.56	149	678521	45.62	ng	#	79
80) Benzo(a)anthracene	14.13	228	1056021	40.50	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	174561	21.22	ng		98
82) Chrysene	14.16	228	955063	39.65	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	831364	42.47	ng	#	98
84) Di-n-octyl phthalate	14.72	149	1272861	42.70	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	799639	42.54	ng		99
87) Benzo(b)fluoranthene	15.18	252	955867	47.34	ng	#	94
88) Benzo(k)fluoranthene	15.20	252	696101m	42.74	ng		
89) Benzo(a)pyrene	15.55	252	774286	46.28	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	679386	47.57	ng		97
91) Benzo(g,h,i)perylene	17.53	276	685542	47.74	ng		95

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

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