Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078803.D
Acq On : 29 Apr 2015 5:01
Operator : TP/IZ
Sample : PB83016BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Manual Integrations APPROVED
apatel
4/29/2015 3:53:48 PM

Quant Time: Apr 29 13:10:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	90081	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	366268	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	171189	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	319130	20.00	ng		0.00
75) Chrysene-d12	16.30	240	320548	20.00	ng		-0.01
86) Perylene-d12	18.05	264	304429	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	677913	138.22	ng		0.01
7) Phenol-d6	6.94	99	870847	132.95	ng		0.00
23) Nitrobenzene-d5	8.08	82	455891	89.62	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	227131	133.31	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1050014	84.00	ng		0.00
78) Terphenyl-d14	14.99	244	1138161	84.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	82458	36.64	ng	#	15
3) Pyridine	3.18	79	224790	33.83	ng		98
4) n-Nitrosodimethylamine	3.08	42	129701m	43.44	ng		
6) Aniline	6.98	93	212065	22.16	ng		99
8) 2-Chlorophenol	7.12	128	249252	44.21	ng		97
9) Benzaldehyde	6.84	77	16893	3.57	ng		98
10) Phenol	6.95	94	308330	39.82	ng		91
11) bis(2-Chloroethyl)ether	7.07	93	234121	40.89	ng		96
12) 1,3-Dichlorobenzene	7.31	146	263595	40.27	ng		99
13) 1,4-Dichlorobenzene	7.42	146	274641	40.98	ng		99
14) 1,2-Dichlorobenzene	7.60	146	262409	41.91	ng		99
15) Benzyl Alcohol	7.56	79	210514	43.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.75	45	387917	43.34	ng		100
17) 2-Methylphenol	7.70	107	204240	44.76	ng		97
18) Hexachloroethane	8.02	117	90669	40.96	ng		94
19) n-Nitroso-di-n-propylamine	7.90	70	189485	41.46	ng		97
20) 3+4-Methylphenols	7.90	107	272789	45.88	ng		98
22) Acetophenone	7.90	105	367495	45.29	ng		97
24) Nitrobenzene	8.10	77	252961	46.43	ng		99
25) Isophorone	8.40	82	477632	41.53	ng		99
26) 2-Nitrophenol	8.50	139	78377	49.61	ng		97
27) 2,4-Dimethylphenol	8.55	122	229685	45.02	ng		98
28) bis(2-Chloroethoxy)methane	8.68	93	307262	43.27	ng		99
29) 2,4-Dichlorophenol	8.79	162	208192	47.74	ng		98
30) 1,2,4-Trichlorobenzene	8.90	180	212384	42.41	ng		98
31) Naphthalene	8.99	128	717561	41.28	ng		100
32) Benzoic acid	8.64	122	88312	57.04	ng		96
33) 4-Chloroaniline	9.06	127	156269	21.36	ng		99
34) Hexachlorobutadiene	9.15	225	117022	41.42	ng		99
35) Caprolactam	9.48	113	61963	44.63	ng		91
36) 4-Chloro-3-methylphenol	9.66	107	212454	46.40	ng		92
37) 2-Methylnaphthalene	9.85	142	500139	42.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	198610	40.95	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	210560	103.27	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	135730	45.93	ng		97
43) 2,4,5-Trichlorophenol	10.24	196	139500	44.35	ng	#	90
45) 1,1'-Biphenyl	10.43	154	594184	43.25	ng		99
46) 2-Chloronaphthalene	10.46	162	455903	42.46	ng		100
47) 2-Nitroaniline	10.58	65	120459	51.37	ng		96
48) Acenaphthylene	10.97	152	740062	42.12	ng		100
49) Dimethylphthalate	10.82	163	532076	43.72	ng		100
50) 2,6-Dinitrotoluene	10.89	165	97681	49.27	ng		97
51) Acenaphthene	11.19	154	469112	45.47	ng		98
52) 3-Nitroaniline	11.10	138	78369	30.47	ng		97
53) 2,4-Dinitrophenol	11.22	184	38458	122.03	ng	#	76
54) Dibenzofuran	11.41	168	665677	43.98	ng		99
55) 4-Nitrophenol	11.29	139	177789	85.63	ng	#	77
56) 2,4-Dinitrotoluene	11.39	165	125922	51.57	ng	#	66
57) Fluorene	11.83	166	522291	43.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	112297	47.67	ng	#	100
59) Diethylphthalate	11.70	149	536374	44.29	ng		99
60) 4-Chlorophenyl-phenylether	11.84	204	234514	43.56	ng		98
61) 4-Nitroaniline	11.85	138	116869	44.50	ng		96
62) Azobenzene	12.03	77	578838	46.88	ng		98
64) 4,6-Dinitro-2-methylphenol	11.89	198	30907	55.64	ng		83
65) n-Nitrosodiphenylamine	11.98	169	448432	43.46	ng		99
66) 4-Bromophenyl-phenylether	12.45	248	145095	45.04	ng		95
67) Hexachlorobenzene	12.50	284	158808	43.52	ng		93
68) Atrazine	12.65	200	130122	47.09	ng		98
69) Pentachlorophenol	12.75	266	170776	86.73	ng		98
70) Phenanthrene	13.03	178	782885	45.31	ng		100
71) Anthracene	13.09	178	747099	44.22	ng		100
72) Carbazole	13.29	167	754574	47.30	ng		99
73) Di-n-butylphthalate	13.74	149	804034	43.51	ng		100
74) Fluoranthene	14.50	202	783053	45.44	ng		100
76) Benzidine	14.69	184	275984	26.60	ng		99
77) Pyrene	14.79	202	843155	45.02	ng		99
79) Butylbenzylphthalate	15.61	149	329269	45.85	ng		96
80) Benzo(a)anthracene	16.29	228	770614	44.81	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	157047	26.83	ng	#	97
82) Chrysene	16.33	228	714181	42.60	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	523259	45.39	ng	#	98
84) Di-n-octyl phthalate	17.13	149	829487	44.86	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	865059	45.49	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	746046	45.27	ng	#	97
88) Benzo(k)fluoranthene	17.62	252	752630m	47.13	ng		
89) Benzo(a)pyrene	17.98	252	719757	48.82	ng		99
90) Dibenzo(a,h)anthracene	19.60	278	696912	45.64	ng		99
91) Benzo(g,h,i)perylene	20.02	276	704155	45.94	ng		98

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

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