Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078201.D
Acq On : 2 Apr 2015 15:56
Operator : TP/IZ
Sample : PB82420BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82420BS

Manual Integrations APPROVED
apatel
4/6/2015 12:04:24 PM

Quant Time: Apr 03 01:46:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 00:57:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	39337	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	162708	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	79033	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	155151	20.00	ng		0.00
75) Chrysene-d12	15.86	240	160304	20.00	ng		-0.02
86) Perylene-d12	17.55	264	156815	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	283996	119.03	ng		0.01
7) Phenol-d6	6.60	99	347100	116.09	ng		0.00
23) Nitrobenzene-d5	7.71	82	202614	75.48	ng		-0.01
41) 2,4,6-Tribromophenol	11.74	330	86226	131.55	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	445202	80.52	ng		0.00
78) Terphenyl-d14	14.59	244	522569	73.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	33617	31.16	ng		97
3) Pyridine	2.51	79	110723	39.18	ng		94
4) n-Nitrosodimethylamine	2.45	42	42610m	39.17	ng		
6) Aniline	6.60	93	91166	21.50	ng	#	88
8) 2-Chlorophenol	6.75	128	115709	41.02	ng		98
10) Phenol	6.62	94	139441	38.92	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	110343	42.83	ng		98
12) 1,3-Dichlorobenzene	6.93	146	117450	37.90	ng		99
13) 1,4-Dichlorobenzene	7.04	146	120631	38.67	ng		99
14) 1,2-Dichlorobenzene	7.22	146	115699	39.56	ng		99
15) Benzyl Alcohol	7.21	79	86825	41.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	142139	41.36	ng		99
17) 2-Methylphenol	7.37	107	93191	42.55	ng		99
18) Hexachloroethane	7.63	117	40417	38.42	ng	#	73
19) n-Nitroso-di-n-propylamine	7.54	70	75038	38.04	ng	#	82
20) 3+4-Methylphenols	7.56	107	120551	41.26	ng		97
22) Acetophenone	7.53	105	155490	41.01	ng	#	90
24) Nitrobenzene	7.73	77	108700	38.73	ng	#	78
25) Isophorone	8.04	82	207314	40.69	ng		100
26) 2-Nitrophenol	8.13	139	55742	41.68	ng		98
27) 2,4-Dimethylphenol	8.21	122	100986	40.61	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	134679	41.23	ng		100
29) 2,4-Dichlorophenol	8.43	162	97226	42.98	ng		88
30) 1,2,4-Trichlorobenzene	8.53	180	98732	38.06	ng		99
31) Naphthalene	8.62	128	330402	39.01	ng		98
32) Benzoic acid	8.34	122	39097	35.19	ng		95
33) 4-Chloroaniline	8.70	127	81877	23.30	ng		98
34) Hexachlorobutadiene	8.77	225	54535	38.29	ng		98
35) Caprolactam	9.13	113	27795	41.16	ng		96
36) 4-Chloro-3-methylphenol	9.32	107	95669	41.91	ng		98
37) 2-Methylnaphthalene	9.48	142	229121	39.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	97014	39.62	ng		98
40) Hexachlorocyclopentadiene	9.66	237	89268	84.28	ng		97
42) 2,4,6-Trichlorophenol	9.84	196	66173	42.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	67978	42.13	ng	#	83
45) 1,1'-Biphenyl	10.06	154	270638	41.86	ng		100
46) 2-Chloronaphthalene	10.08	162	209624	41.21	ng		99
47) 2-Nitroaniline	10.21	65	56750	45.10	ng		98
48) Acenaphthylene	10.59	152	336011	40.91	ng		99
49) Dimethylphthalate	10.45	163	240487	40.50	ng		99
50) 2,6-Dinitrotoluene	10.53	165	51465	42.13	ng		99
51) Acenaphthene	10.80	154	193470	41.84	ng		98
52) 3-Nitroaniline	10.73	138	45827	32.99	ng		99
53) 2,4-Dinitrophenol	10.86	184	32169	71.54	ng		95
54) Dibenzofuran	11.01	168	308035	43.61	ng		99
55) 4-Nitrophenol	10.97	139	80617	78.86	ng		98
56) 2,4-Dinitrotoluene	11.02	165	73788	46.64	ng		94
57) Fluorene	11.44	166	239248	41.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	54867	45.87	ng	#	98
59) Diethylphthalate	11.33	149	241670	42.21	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	109431	41.55	ng	#	76
61) 4-Nitroaniline	11.48	138	58532	41.68	ng		97
62) Azobenzene	11.64	77	226560	43.36	ng		96
64) 4,6-Dinitro-2-methylphenol	11.52	198	25697	35.98	ng		93
65) n-Nitrosodiphenylamine	11.60	169	209409	39.02	ng		98
66) 4-Bromophenyl-phenylether	12.05	248	66786	40.65	ng		94
67) Hexachlorobenzene	12.11	284	73322	40.72	ng	#	91
68) Atrazine	12.28	200	68425	44.02	ng		98
69) Pentachlorophenol	12.36	266	61220	77.00	ng		98
70) Phenanthrene	12.62	178	363043	40.45	ng		99
71) Anthracene	12.68	178	359565	40.66	ng		99
72) Carbazole	12.90	167	352260	42.50	ng		99
73) Di-n-butylphthalate	13.36	149	392012	41.75	ng		99
74) Fluoranthene	14.09	202	399534	42.21	ng		96
76) Benzidine	14.28	184	206303	33.42	ng		99
77) Pyrene	14.36	202	406266	40.37	ng		98
79) Butylbenzylphthalate	15.21	149	175551	45.77	ng		90
80) Benzo(a)anthracene	15.85	228	380583	39.90	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	76113	23.83	ng	#	98
82) Chrysene	15.89	228	364198	40.64	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	262398	43.62	ng	#	97
84) Di-n-octyl phthalate	16.71	149	453796	45.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.85	276	413032	40.62	ng	#	86
87) Benzo(b)fluoranthene	17.12	252	413799	42.70	ng	#	96
88) Benzo(k)fluoranthene	17.15	252	326360m	37.89	ng		
89) Benzo(a)pyrene	17.49	252	358614	42.40	ng		98
90) Dibenzo(a,h)anthracene	18.88	278	340139m	40.17	ng		
91) Benzo(g,h,i)perylene	19.23	276	332736	39.19	ng		96

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

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