Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077660.D
Acq On : 10 Mar 2015 14:49
Operator : TP/IZ
Sample : PB81894BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Manual Integrations APPROVED
mohammad
3/12/2015 2:21:43 PM

Quant Time: Mar 11 01:30:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	60185	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	236972	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	118455	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	229471	20.00	ng		0.00
75) Chrysene-d12	16.05	240	230070	20.00	ng		-0.03
86) Perylene-d12	17.79	264	220378	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	282914	78.48	ng		0.00
7) Phenol-d6	6.75	99	363419	78.40	ng		0.00
23) Nitrobenzene-d5	7.88	82	273597	71.80	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	92911	81.46	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	598600	78.80	ng		0.00
78) Terphenyl-d14	14.76	244	639849	65.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	50722	33.16	ng		97
3) Pyridine	2.83	79	129098	29.50	ng		97
4) n-Nitrosodimethylamine	2.73	42	71943	37.81	ng		92
6) Aniline	6.77	93	115658	18.05	ng	#	51
8) 2-Chlorophenol	6.92	128	166247	39.09	ng		96
9) Benzaldehyde	6.63	77	20243	7.19	ng		90
10) Phenol	6.77	94	196938	35.81	ng		77
11) bis(2-Chloroethyl)ether	6.88	93	156980	39.72	ng		95
12) 1,3-Dichlorobenzene	7.11	146	173996	37.57	ng		98
13) 1,4-Dichlorobenzene	7.21	146	177455	37.67	ng		99
14) 1,2-Dichlorobenzene	7.39	146	168778	37.66	ng		99
15) Benzyl Alcohol	7.37	79	134911	38.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	214142	37.91	ng		97
17) 2-Methylphenol	7.52	107	135344	40.72	ng		98
18) Hexachloroethane	7.81	117	59939	38.09	ng	#	78
19) n-Nitroso-di-n-propylamine	7.70	70	109943	37.35	ng		98
20) 3+4-Methylphenols	7.71	107	172169	39.32	ng	#	75
22) Acetophenone	7.69	105	226049	40.55	ng	#	82
24) Nitrobenzene	7.90	77	164372	41.00	ng		100
25) Isophorone	8.20	82	307657	40.69	ng		97
26) 2-Nitrophenol	8.29	139	84346	51.33	ng		100
27) 2,4-Dimethylphenol	8.36	122	156858	42.66	ng		99
28) bis(2-Chloroethoxy)methane	8.48	93	191029	40.00	ng		98
29) 2,4-Dichlorophenol	8.59	162	141878	41.11	ng		91
30) 1,2,4-Trichlorobenzene	8.69	180	149368	39.37	ng		99
31) Naphthalene	8.79	128	472847	39.90	ng		99
32) Benzoic acid	8.46	122	85543	47.88	ng		100
33) 4-Chloroaniline	8.86	127	91717	17.41	ng		97
34) Hexachlorobutadiene	8.94	225	81284	37.52	ng		100
35) Caprolactam	9.29	113	43699	41.48	ng		95
36) 4-Chloro-3-methylphenol	9.47	107	147049	42.38	ng		95
37) 2-Methylnaphthalene	9.65	142	327010	38.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	139469	41.03	ng	#	98
40) Hexachlorocyclopentadiene	9.84	237	144523	79.30	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	101100	44.92	ng		99
43) 2,4,5-Trichlorophenol	10.04	196	110804	46.04	ng	#	90
45) 1,1'-Biphenyl	10.23	154	385440	42.95	ng		97
46) 2-Chloronaphthalene	10.25	162	319812	45.44	ng		97
47) 2-Nitroaniline	10.38	65	83951	48.46	ng		98
48) Acenaphthylene	10.76	152	503984	45.23	ng		98
49) Dimethylphthalate	10.62	163	358484	43.05	ng		99
50) 2,6-Dinitrotoluene	10.69	165	82060	49.14	ng		99
51) Acenaphthene	10.97	154	283525	42.64	ng		100
52) 3-Nitroaniline	10.89	138	48227	25.05	ng		92
53) 2,4-Dinitrophenol	11.02	184	60394	118.86	ng	#	86
54) Dibenzofuran	11.19	168	445449	43.39	ng		98
55) 4-Nitrophenol	11.11	139	133436	86.17	ng	#	63
56) 2,4-Dinitrotoluene	11.18	165	111518	49.42	ng	#	84
57) Fluorene	11.61	166	359915	43.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.34	232	88406	45.69	ng		96
59) Diethylphthalate	11.49	149	363936	44.33	ng		99
60) 4-Chlorophenyl-phenylether	11.62	204	169253	42.80	ng		91
61) 4-Nitroaniline	11.64	138	84746	45.93	ng		92
62) Azobenzene	11.82	77	341951	43.91	ng		97
64) 4,6-Dinitro-2-methylphenol	11.68	198	41971	46.01	ng		99
65) n-Nitrosodiphenylamine	11.77	169	328133	43.10	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	105159	39.13	ng		97
67) Hexachlorobenzene	12.28	284	111833	38.77	ng		97
68) Atrazine	12.44	200	102011	41.21	ng		97
69) Pentachlorophenol	12.54	266	127957	84.41	ng		98
70) Phenanthrene	12.80	178	533652	40.12	ng		99
71) Anthracene	12.86	178	561881	42.57	ng		98
72) Carbazole	13.07	167	549041	43.75	ng		99
73) Di-n-butylphthalate	13.52	149	546155	37.06	ng	#	97
74) Fluoranthene	14.27	202	543793	37.43	ng		98
76) Benzidine	14.46	184	204535	26.31	ng		98
77) Pyrene	14.55	202	554195	39.38	ng		99
79) Butylbenzylphthalate	15.38	149	240178	41.48	ng	#	84
80) Benzo(a)anthracene	16.04	228	554217	41.10	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	123054	24.91	ng	#	97
82) Chrysene	16.09	228	527779	41.68	ng		98
83) Bis(2-ethylhexyl)phthalate	16.11	149	348035	37.48	ng		99
84) Di-n-octyl phthalate	16.90	149	608386	39.25	ng		96
85) Indeno(1,2,3-cd)pyrene	19.21	276	599395m	41.52	ng		
87) Benzo(b)fluoranthene	17.35	252	520220	40.59	ng	#	97
88) Benzo(k)fluoranthene	17.38	252	544811m	43.38	ng		
89) Benzo(a)pyrene	17.73	252	522208	42.79	ng		97
90) Dibenzo(a,h)anthracene	19.23	278	498009	42.78	ng		98
91) Benzo(g,h,i)perylene	19.61	276	507861	43.23	ng		99

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

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