Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020415\
Data File : BF077180.D
Acq On : 4 Feb 2015 16:16
Operator : TP/IZ
Sample : PB81600BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81600BSD

Manual Integrations APPROVED
apatel
2/5/2015 12:05:31 PM

Quant Time: Feb 05 00:47:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 00:32:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24428	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	97983	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	47793	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	88055	20.00	ng		0.00
75) Chrysene-d12	21.07	240	90072	20.00	ng		0.00
86) Perylene-d12	22.74	264	80055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	142899	96.18	ng		0.00
7) Phenol-d6	7.08	99	180784	96.46	ng		0.00
23) Nitrobenzene-d5	8.99	82	164258	92.87	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	41543	107.08	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	338857	107.90	ng		0.00
78) Terphenyl-d14	19.81	244	374564	95.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	21820	34.30	ng		96
3) Pyridine	1.56	79	55531	33.73	ng		90
4) n-Nitrosodimethylamine	1.53	42	29274	35.90	ng	#	87
6) Aniline	6.98	93	37857	14.60	ng		98
8) 2-Chlorophenol	7.21	128	64855	37.86	ng		97
9) Benzaldehyde	6.74	77	5180	3.67	ng		92
10) Phenol	7.12	94	70178	35.26	ng		90
11) bis(2-Chloroethyl)ether	7.23	93	60111	38.60	ng	#	75
12) 1,3-Dichlorobenzene	7.53	146	69957	35.90	ng		95
13) 1,4-Dichlorobenzene	7.72	146	71904	34.80	ng		100
14) 1,2-Dichlorobenzene	8.03	146	69237	36.36	ng		95
15) Benzyl Alcohol	8.13	79	53717	35.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	78797	37.64	ng		97
17) 2-Methylphenol	8.48	107	50235	35.89	ng		95
18) Hexachloroethane	8.77	117	26654	37.08	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	46283	35.28	ng		95
20) 3+4-Methylphenols	8.88	107	56557	30.52	ng		96
22) Acetophenone	8.68	105	93824	39.09	ng		96
24) Nitrobenzene	9.04	77	67922	37.70	ng		98
25) Isophorone	9.63	82	121455	37.71	ng		96
26) 2-Nitrophenol	9.78	139	31090	34.22	ng	#	89
27) 2,4-Dimethylphenol	10.05	122	54923	39.42	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	74638	40.77	ng		98
29) 2,4-Dichlorophenol	10.38	162	44526	34.29	ng		96
30) 1,2,4-Trichlorobenzene	10.50	180	57262	39.70	ng		97
31) Naphthalene	10.64	128	189914	37.65	ng		99
32) Benzoic acid	10.44	122	11281m	14.61	ng		
33) 4-Chloroaniline	10.91	127	33489	16.43	ng		95
34) Hexachlorobutadiene	11.00	225	31612	36.94	ng		94
35) Caprolactam	11.73	113	13763	36.00	ng		94
36) 4-Chloro-3-methylphenol	12.20	107	54186	36.44	ng		97
37) 2-Methylnaphthalene	12.29	142	132558	38.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	49835	42.18	ng		98
40) Hexachlorocyclopentadiene	12.68	237	51335	80.66	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	32483	37.73	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	29093	33.13	ng	#	93
45) 1,1'-Biphenyl	13.45	154	158598	44.76	ng		99
46) 2-Chloronaphthalene	13.43	162	125237	42.95	ng		96
47) 2-Nitroaniline	13.77	65	36926	41.75	ng		95
48) Acenaphthylene	14.36	152	207121	42.12	ng		99
49) Dimethylphthalate	14.33	163	149481	44.10	ng		98
50) 2,6-Dinitrotoluene	14.42	165	33005	48.74	ng		97
51) Acenaphthene	14.79	154	116572	41.78	ng		97
52) 3-Nitroaniline	14.77	138	20994	24.66	ng	#	88
53) 2,4-Dinitrophenol	15.06	184	13261	47.35	ng		91
54) Dibenzofuran	15.21	168	178417	43.89	ng		96
55) 4-Nitrophenol	15.38	139	30784m	57.94	ng		
56) 2,4-Dinitrotoluene	15.36	165	43247	42.84	ng		96
57) Fluorene	15.97	166	146990	42.68	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.57	232	20995	32.84	ng	#	92
59) Diethylphthalate	15.97	149	157190	45.89	ng		98
60) 4-Chlorophenyl-phenylether	16.07	204	61098	43.36	ng		95
61) 4-Nitroaniline	16.13	138	29192	34.61	ng		98
62) Azobenzene	16.36	77	163044	45.68	ng		98
64) 4,6-Dinitro-2-methylphenol	16.21	198	16552	30.54	ng		92
65) n-Nitrosodiphenylamine	16.32	169	123758	39.42	ng		98
66) 4-Bromophenyl-phenylether	16.93	248	35689	40.01	ng		97
67) Hexachlorobenzene	16.95	284	37606	40.00	ng		91
68) Atrazine	17.32	200	40380	42.38	ng		98
69) Pentachlorophenol	17.32	266	19420	48.06	ng		97
70) Phenanthrene	17.60	178	211652	38.54	ng		98
71) Anthracene	17.68	178	208166	38.87	ng		99
72) Carbazole	17.97	167	204059	39.29	ng		98
73) Di-n-butylphthalate	18.57	149	249836	41.56	ng		98
74) Fluoranthene	19.25	202	229512	40.79	ng		98
76) Benzidine	19.51	184	83647	29.02	ng		97
77) Pyrene	19.54	202	237374	38.45	ng		99
79) Butylbenzylphthalate	20.48	149	113020	40.43	ng		98
80) Benzo(a)anthracene	21.06	228	207206	36.67	ng		98
81) 3,3'-Dichlorobenzidine	21.08	252	43323	24.12	ng		96
82) Chrysene	21.11	228	204156	39.61	ng		100
83) Bis(2-ethylhexyl)phthalate	21.22	149	163662	42.31	ng		97
84) Di-n-octyl phthalate	21.99	149	275850	41.09	ng		99
85) Indeno(1,2,3-cd)pyrene	23.87	276	214653	39.30	ng	#	84
87) Benzo(b)fluoranthene	22.32	252	188844m	35.02	ng		
88) Benzo(k)fluoranthene	22.35	252	209766m	44.53	ng		
89) Benzo(a)pyrene	22.68	252	190933	40.15	ng		98
90) Dibenzo(a,h)anthracene	23.89	278	180059	41.26	ng		98
91) Benzo(g,h,i)perylene	24.13	276	177172	40.84	ng	#	92

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

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