Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
Data File : BF077622.D
Acq On : 6 Mar 2015 15:20
Operator : TP/IZ
Sample : PB81970BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Manual Integrations APPROVED
mohammad
3/9/2015 3:24:57 PM

Quant Time: Mar 06 23:45:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	63440	20.00	ng		0.00
21) Naphthalene-d8	8.78	136	254812	20.00	ng		0.00
38) Acenaphthene-d10	10.95	164	127334	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	254031	20.00	ng		0.00
75) Chrysene-d12	16.07	240	268445	20.00	ng		0.00
86) Perylene-d12	17.78	264	252735	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	424652	111.75	ng		0.00
7) Phenol-d6	6.77	99	546158	111.78	ng		0.00
23) Nitrobenzene-d5	7.89	82	305814	74.63	ng		0.00
41) 2,4,6-Tribromophenol	11.93	330	141747	115.61	ng		0.00
44) 2-Fluorobiphenyl	10.13	172	662698	81.15	ng		0.00
78) Terphenyl-d14	14.78	244	825102	71.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	47368	29.37	ng		98
3) Pyridine	2.87	79	142657	30.92	ng		95
4) n-Nitrosodimethylamine	2.78	42	59257	29.54	ng		96
6) Aniline	6.79	93	123017	18.22	ng	#	1
8) 2-Chlorophenol	6.93	128	154244	34.41	ng		94
9) Benzaldehyde	6.65	77	19976	6.73	ng		92
10) Phenol	6.78	94	194256	33.51	ng		77
11) bis(2-Chloroethyl)ether	6.89	93	137627	33.04	ng		98
12) 1,3-Dichlorobenzene	7.13	146	160975	32.98	ng	#	93
13) 1,4-Dichlorobenzene	7.22	146	160448	32.31	ng		94
14) 1,2-Dichlorobenzene	7.41	146	154487	32.70	ng		95
15) Benzyl Alcohol	7.39	79	121288	32.66	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.56	45	192791	32.37	ng		97
17) 2-Methylphenol	7.53	107	117122	33.43	ng		97
18) Hexachloroethane	7.82	117	57454	34.64	ng	#	88
19) n-Nitroso-di-n-propylamine	7.72	70	105658	34.05	ng		97
20) 3+4-Methylphenols	7.73	107	159769	34.62	ng	#	78
22) Acetophenone	7.71	105	207969	34.70	ng	#	87
24) Nitrobenzene	7.92	77	148535	34.45	ng	#	85
25) Isophorone	8.22	82	276121	33.96	ng	#	90
26) 2-Nitrophenol	8.31	139	71596	40.52	ng	#	89
27) 2,4-Dimethylphenol	8.38	122	134151	33.93	ng		94
28) bis(2-Chloroethoxy)methane	8.50	93	179914	35.03	ng		99
29) 2,4-Dichlorophenol	8.61	162	128913	34.74	ng		97
30) 1,2,4-Trichlorobenzene	8.71	180	135340	33.17	ng		98
31) Naphthalene	8.81	128	443881	34.83	ng		99
32) Benzoic acid	8.48	122	76512	39.83	ng		95
33) 4-Chloroaniline	8.88	127	106886	18.87	ng		98
34) Hexachlorobutadiene	8.96	225	75464	32.40	ng		98
35) Caprolactam	9.31	113	38903	34.34	ng	#	66
36) 4-Chloro-3-methylphenol	9.49	107	133851	35.88	ng		92
37) 2-Methylnaphthalene	9.67	142	307667	34.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	132688	36.32	ng		98
40) Hexachlorocyclopentadiene	9.86	237	135912	69.37	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	94854	39.20	ng		100
43) 2,4,5-Trichlorophenol	10.06	196	101851	39.37	ng		96
45) 1,1'-Biphenyl	10.25	154	374115	38.78	ng		98
46) 2-Chloronaphthalene	10.27	162	292444	38.65	ng		94
47) 2-Nitroaniline	10.40	65	81020	43.50	ng	#	84
48) Acenaphthylene	10.78	152	459987	38.41	ng		100
49) Dimethylphthalate	10.64	163	345538	38.60	ng		98
50) 2,6-Dinitrotoluene	10.71	165	73276	40.82	ng	#	62
51) Acenaphthene	10.99	154	266909	37.34	ng		98
52) 3-Nitroaniline	10.91	138	57905	27.98	ng	#	78
53) 2,4-Dinitrophenol	11.04	184	49399	90.44	ng		97
54) Dibenzofuran	11.21	168	422984	38.33	ng		99
55) 4-Nitrophenol	11.13	139	138811	83.39	ng		89
56) 2,4-Dinitrotoluene	11.20	165	95372	39.32	ng	#	57
57) Fluorene	11.63	166	339354	38.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.36	232	80947	38.92	ng		97
59) Diethylphthalate	11.51	149	338801	38.39	ng		96
60) 4-Chlorophenyl-phenylether	11.64	204	160814	37.83	ng		97
61) 4-Nitroaniline	11.66	138	78087	39.37	ng		95
62) Azobenzene	11.84	77	326425	38.99	ng		99
64) 4,6-Dinitro-2-methylphenol	11.70	198	38440	38.70	ng	#	60
65) n-Nitrosodiphenylamine	11.79	169	299846	35.57	ng		99
66) 4-Bromophenyl-phenylether	12.25	248	98024	32.95	ng		96
67) Hexachlorobenzene	12.30	284	105372	33.00	ng	#	87
68) Atrazine	12.46	200	94688	34.55	ng		92
69) Pentachlorophenol	12.56	266	115370	68.75	ng		98
70) Phenanthrene	12.82	178	508859	34.56	ng		99
71) Anthracene	12.88	178	514162	35.19	ng		98
72) Carbazole	13.09	167	494215	35.57	ng		98
73) Di-n-butylphthalate	13.54	149	556356	34.10	ng		99
74) Fluoranthene	14.29	202	549867	34.19	ng		99
76) Benzidine	14.48	184	201358	22.20	ng		98
77) Pyrene	14.57	202	576991	35.14	ng		99
79) Butylbenzylphthalate	15.40	149	253124	37.47	ng		89
80) Benzo(a)anthracene	16.06	228	543055	34.52	ng		99
81) 3,3'-Dichlorobenzidine	16.04	252	140270	24.33	ng		99
82) Chrysene	16.10	228	506376	34.28	ng		99
83) Bis(2-ethylhexyl)phthalate	16.12	149	371447	34.29	ng	#	96
84) Di-n-octyl phthalate	16.90	149	627967	34.72	ng		99
85) Indeno(1,2,3-cd)pyrene	19.19	276	573226	34.03	ng		99
87) Benzo(b)fluoranthene	17.34	252	558922	38.03	ng		99
88) Benzo(k)fluoranthene	17.37	252	471719m	32.75	ng		
89) Benzo(a)pyrene	17.71	252	495449	35.40	ng		99
90) Dibenzo(a,h)anthracene	19.22	278	475694	35.63	ng		97
91) Benzo(g,h,i)perylene	19.60	276	487430	36.18	ng	#	94

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

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