Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077048.D
Acq On : 26 Jan 2015 11:41
Operator : TP/IZ
Sample : PB81496BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81496BS

Manual Integrations APPROVED
apatel
1/28/2015 5:40:17 PM

Quant Time: Jan 28 12:32:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 26 23:54:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	23353	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	96678	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	51258	20.00	ng		0.00
63) Phenanthrene-d10	17.64	188	89620	20.00	ng		0.00
75) Chrysene-d12	21.15	240	87793	20.00	ng		0.00
86) Perylene-d12	22.79	264	77578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	138273	97.35	ng		0.00
7) Phenol-d6	7.17	99	170769	95.31	ng		0.00
23) Nitrobenzene-d5	9.06	82	157764	90.41	ng		0.00
41) 2,4,6-Tribromophenol	16.52	330	43044	103.45	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	325708	96.70	ng		0.00
78) Terphenyl-d14	19.88	244	359667	94.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.17	88	14218	23.38	ng	#	88
3) Pyridine	1.61	79	52875	33.60	ng		93
4) n-Nitrosodimethylamine	1.58	42	27559	35.35	ng		94
6) Aniline	7.05	93	52032	20.98	ng		99
8) 2-Chlorophenol	7.29	128	59691	36.45	ng		97
9) Benzaldehyde	6.77	77	11306	9.31	ng		91
10) Phenol	7.19	94	70441	37.02	ng		90
11) bis(2-Chloroethyl)ether	7.30	93	58423	39.24	ng	#	79
12) 1,3-Dichlorobenzene	7.60	146	64803	34.79	ng		92
13) 1,4-Dichlorobenzene	7.80	146	68889	34.87	ng		98
14) 1,2-Dichlorobenzene	8.12	146	63370	34.81	ng		96
15) Benzyl Alcohol	8.21	79	52527	36.23	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	70777	35.37	ng		99
17) 2-Methylphenol	8.55	107	48258	36.06	ng		97
18) Hexachloroethane	8.86	117	24740	36.01	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	43456	34.65	ng		97
20) 3+4-Methylphenols	8.94	107	61204	34.54	ng		95
22) Acetophenone	8.76	105	89910	37.97	ng		99
24) Nitrobenzene	9.11	77	66071	37.17	ng		95
25) Isophorone	9.70	82	116794	36.75	ng		100
26) 2-Nitrophenol	9.85	139	32276	35.92	ng		93
27) 2,4-Dimethylphenol	10.13	122	54280	39.49	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	70196	38.86	ng		99
29) 2,4-Dichlorophenol	10.45	162	49253	38.44	ng		97
30) 1,2,4-Trichlorobenzene	10.58	180	53842	37.84	ng		95
31) Naphthalene	10.72	128	181770	36.52	ng		98
32) Benzoic acid	10.49	122	24939m	32.74	ng		
33) 4-Chloroaniline	10.97	127	46946	23.34	ng		96
34) Hexachlorobutadiene	11.09	225	31820	37.69	ng		95
35) Caprolactam	11.81	113	14572m	38.63	ng		
36) 4-Chloro-3-methylphenol	12.28	107	55232	37.65	ng		99
37) 2-Methylnaphthalene	12.38	142	130095	38.27	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	50662	39.98	ng		99
40) Hexachlorocyclopentadiene	12.77	237	54484	79.87	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	34907	37.80	ng		96
43) 2,4,5-Trichlorophenol	13.21	196	36705	38.98	ng		99
45) 1,1'-Biphenyl	13.53	154	152375	40.10	ng		99
46) 2-Chloronaphthalene	13.51	162	120459	38.52	ng		96
47) 2-Nitroaniline	13.85	65	37826	39.88	ng	#	83
48) Acenaphthylene	14.45	152	198681	37.67	ng		99
49) Dimethylphthalate	14.41	163	145024	39.90	ng		98
50) 2,6-Dinitrotoluene	14.51	165	31431	43.28	ng		95
51) Acenaphthene	14.88	154	112487	37.59	ng		95
52) 3-Nitroaniline	14.85	138	26443	28.64	ng	#	92
53) 2,4-Dinitrophenol	15.13	184	25355	75.22	ng		95
54) Dibenzofuran	15.31	168	173108	39.71	ng		98
55) 4-Nitrophenol	15.44	139	40687	71.40	ng		97
56) 2,4-Dinitrotoluene	15.44	165	42041	39.03	ng	#	88
57) Fluorene	16.05	166	144515	39.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	27554	40.18	ng		95
59) Diethylphthalate	16.06	149	156381	42.57	ng		99
60) 4-Chlorophenyl-phenylether	16.15	204	60887	40.29	ng		88
61) 4-Nitroaniline	16.20	138	31172	34.46	ng		95
62) Azobenzene	16.44	77	154953	40.48	ng		99
64) 4,6-Dinitro-2-methylphenol	16.28	198	20428	36.33	ng		98
65) n-Nitrosodiphenylamine	16.39	169	118890	37.20	ng		97
66) 4-Bromophenyl-phenylether	17.01	248	35829	39.46	ng	#	85
67) Hexachlorobenzene	17.02	284	37062	38.73	ng		93
68) Atrazine	17.39	200	43598	44.96	ng		97
69) Pentachlorophenol	17.39	266	34436	78.59	ng		97
70) Phenanthrene	17.67	178	207857	37.19	ng		98
71) Anthracene	17.74	178	210254	38.58	ng		100
72) Carbazole	18.04	167	203579	38.51	ng		99
73) Di-n-butylphthalate	18.63	149	249123	40.72	ng		98
74) Fluoranthene	19.32	202	217321	37.95	ng		99
76) Benzidine	19.56	184	90775	32.31	ng		98
77) Pyrene	19.60	202	226484	37.64	ng		100
79) Butylbenzylphthalate	20.54	149	110214	40.45	ng		90
80) Benzo(a)anthracene	21.13	228	204918	37.20	ng		97
81) 3,3'-Dichlorobenzidine	21.15	252	46905	26.80	ng	#	98
82) Chrysene	21.17	228	189991	37.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	159318	42.26	ng	#	97
84) Di-n-octyl phthalate	22.05	149	273878	41.85	ng		99
85) Indeno(1,2,3-cd)pyrene	23.90	276	200798	37.72	ng	#	83
87) Benzo(b)fluoranthene	22.38	252	190722	36.50	ng	#	96
88) Benzo(k)fluoranthene	22.41	252	188400m	41.27	ng		
89) Benzo(a)pyrene	22.73	252	186204	40.40	ng		98
90) Dibenzo(a,h)anthracene	23.92	278	165561	39.15	ng	#	95
91) Benzo(g,h,i)perylene	24.17	276	167182	39.77	ng	#	95

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

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