Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079584.D
Acq On : 30 May 2015 4:42
Operator : TP/IZ
Sample : G2408-05MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23DMS

Manual Integrations APPROVED
apatel
6/1/2015 4:22:09 PM

Quant Time: May 30 05:20:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	91306	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	376883	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	184070	20.00	ng		0.00
63) Phenanthrene-d10	12.52	188	326449	20.00	ng		0.00
75) Chrysene-d12	15.79	240	304212	20.00	ng		-0.08
86) Perylene-d12	17.46	264	308233m	20.00	ng		-0.34
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	617108	117.23	ng		-0.01
7) Phenol-d6	6.55	99	752524	112.15	ng		0.00
23) Nitrobenzene-d5	7.66	82	463318	71.06	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	226793	112.18	ng		0.00
44) 2-Fluorobiphenyl	9.87	172	873367	67.69	ng		-0.01
78) Terphenyl-d14	14.51	244	881527	68.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	77465	30.93	ng	#	100
3) Pyridine	2.42	79	166395	30.18	ng		97
4) n-Nitrosodimethylamine	2.35	42	88922	32.75	ng		98
6) Aniline	6.54	93	207335	21.77	ng		99
8) 2-Chlorophenol	6.68	128	231051	37.70	ng		98
9) Benzaldehyde	6.40	77	25881	4.80	ng		96
10) Phenol	6.57	94	285106	36.09	ng		93
11) bis(2-Chloroethyl)ether	6.65	93	220405	38.57	ng		93
12) 1,3-Dichlorobenzene	6.87	146	237763	35.02	ng		98
13) 1,4-Dichlorobenzene	6.97	146	246511	35.59	ng		100
14) 1,2-Dichlorobenzene	7.15	146	231383	35.97	ng		100
15) Benzyl Alcohol	7.15	79	188988	38.33	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	304261	36.37	ng		91
17) 2-Methylphenol	7.31	107	181930	37.79	ng		99
18) Hexachloroethane	7.56	117	84485	35.44	ng		94
19) n-Nitroso-di-n-propylamine	7.48	70	164502	34.84	ng	#	93
20) 3+4-Methylphenols	7.51	107	241702	36.53	ng		93
22) Acetophenone	7.47	105	321842	38.12	ng	#	92
24) Nitrobenzene	7.68	77	232020	36.11	ng	#	85
25) Isophorone	7.98	82	420035	35.34	ng		95
26) 2-Nitrophenol	8.07	139	118417	38.92	ng	#	90
27) 2,4-Dimethylphenol	8.15	122	204462	37.39	ng		96
28) bis(2-Chloroethoxy)methane	8.26	93	272818	37.04	ng		98
29) 2,4-Dichlorophenol	8.38	162	200620	40.05	ng		96
30) 1,2,4-Trichlorobenzene	8.47	180	199070	38.31	ng		95
31) Naphthalene	8.56	128	681960	37.70	ng		99
32) Benzoic acid	8.27	122	46766	13.78	ng		94
33) 4-Chloroaniline	8.65	127	185817	24.59	ng		94
34) Hexachlorobutadiene	8.71	225	108577	36.73	ng		98
35) Caprolactam	9.07	113	56839	35.98	ng	#	88
36) 4-Chloro-3-methylphenol	9.27	107	203274	39.12	ng	#	87
37) 2-Methylnaphthalene	9.42	142	498866	39.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	191374	37.17	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	80601	59.40	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	125180	34.82	ng		99
43) 2,4,5-Trichlorophenol	9.83	196	135947	37.99	ng	#	90
45) 1,1'-Biphenyl	10.00	154	540137	37.57	ng		99
46) 2-Chloronaphthalene	10.01	162	412433	36.32	ng		99
47) 2-Nitroaniline	10.16	65	119067	35.27	ng	#	54
48) Acenaphthylene	10.51	152	656064	34.81	ng		99
49) Dimethylphthalate	10.40	163	547916	40.40	ng		99
50) 2,6-Dinitrotoluene	10.47	165	101584	37.49	ng	#	79
51) Acenaphthene	10.73	154	424562	39.39	ng		98
52) 3-Nitroaniline	10.67	138	99845	28.33	ng	#	72
53) 2,4-Dinitrophenol	10.82	184	32327	40.57	ng	#	89
54) Dibenzofuran	10.95	168	598146	37.63	ng		98
55) 4-Nitrophenol	10.91	139	121458m	62.14	ng		
56) 2,4-Dinitrotoluene	10.97	165	128250	35.29	ng	#	72
57) Fluorene	11.37	166	504985	38.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.11	232	101518	38.98	ng	#	100
59) Diethylphthalate	11.27	149	469810	35.39	ng		98
60) 4-Chlorophenyl-phenylether	11.38	204	205902	36.37	ng		97
61) 4-Nitroaniline	11.43	138	104268	31.76	ng		81
62) Azobenzene	11.58	77	438305	33.94	ng		98
64) 4,6-Dinitro-2-methylphenol	11.47	198	47902	31.79	ng	#	76
65) n-Nitrosodiphenylamine	11.53	169	393994	36.34	ng		98
66) 4-Bromophenyl-phenylether	11.99	248	131992	39.26	ng		95
67) Hexachlorobenzene	12.04	284	144993	37.83	ng	#	89
68) Atrazine	12.22	200	119975	40.96	ng		98
69) Pentachlorophenol	12.30	266	109060	74.28	ng		97
70) Phenanthrene	12.56	178	876184	48.92	ng		100
71) Anthracene	12.62	178	683013	37.56	ng		99
72) Carbazole	12.83	167	608860	34.78	ng		97
73) Di-n-butylphthalate	13.29	149	740476	37.50	ng		99
74) Fluoranthene	14.02	202	775955	40.40	ng		96
76) Benzidine	14.22	184	279500	42.90	ng		98
77) Pyrene	14.30	202	818620	43.44	ng		99
79) Butylbenzylphthalate	15.14	149	307095	36.23	ng	#	87
80) Benzo(a)anthracene	15.78	228	666379	38.08	ng		99
81) 3,3'-Dichlorobenzidine	15.77	252	189377	29.55	ng		99
82) Chrysene	15.83	228	611921	36.79	ng		99
83) Bis(2-ethylhexyl)phthalate	15.85	149	456951	37.63	ng	#	100
84) Di-n-octyl phthalate	16.63	149	772977	36.57	ng		99
85) Indeno(1,2,3-cd)pyrene	18.74	276	760907m	35.56	ng		
87) Benzo(b)fluoranthene	17.04	252	762509m	43.37	ng		
88) Benzo(k)fluoranthene	17.07	252	519890m	33.07	ng		
89) Benzo(a)pyrene	17.41	252	658696m	42.63	ng		
90) Dibenzo(a,h)anthracene	18.75	278	610898m	37.63	ng		
91) Benzo(g,h,i)perylene	19.11	276	652176m	40.56	ng		

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

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