Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079208.D
Acq On : 13 May 2015 22:10
Operator : TP/IZ
Sample : G2215-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-41DMS

Manual Integrations APPROVED
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5/14/2015 5:01:34 PM

Quant Time: May 14 02:09:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	55910	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	217708	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	104566	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	204641	20.00	ng		0.00
75) Chrysene-d12	16.13	240	213097	20.00	ng		-0.03
86) Perylene-d12	17.91	264	246015	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	404362	124.50	ng		0.00
7) Phenol-d6	6.80	99	516933	120.40	ng		0.00
23) Nitrobenzene-d5	7.93	82	292966	77.34	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	137708	121.74	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	481409	64.14	ng		0.00
78) Terphenyl-d14	14.82	244	547569	61.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	46504	32.93	ng	#	31
3) Pyridine	2.88	79	130218	31.51	ng		99
4) n-Nitrosodimethylamine	2.80	42	62119m	35.08	ng		
6) Aniline	6.82	93	121861	20.11	ng	#	14
8) 2-Chlorophenol	6.97	128	142876	38.78	ng		89
9) Benzaldehyde	6.68	77	62622	21.65	ng	#	80
10) Phenol	6.82	94	192716	38.69	ng		83
11) bis(2-Chloroethyl)ether	6.92	93	144747	39.64	ng		94
12) 1,3-Dichlorobenzene	7.15	146	146245	35.32	ng		98
13) 1,4-Dichlorobenzene	7.26	146	152913	35.88	ng		98
14) 1,2-Dichlorobenzene	7.44	146	148844	37.52	ng		99
15) Benzyl Alcohol	7.42	79	122923	38.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	204698	36.65	ng		96
17) 2-Methylphenol	7.56	107	118663	40.03	ng		98
18) Hexachloroethane	7.85	117	50524	34.42	ng	#	79
19) n-Nitroso-di-n-propylamine	7.75	70	104464	36.02	ng		92
20) 3+4-Methylphenols	7.76	107	155737	39.43	ng	#	46
22) Acetophenone	7.75	105	206368	41.96	ng	#	90
24) Nitrobenzene	7.95	77	148714	39.61	ng	#	85
25) Isophorone	8.25	82	280971	40.01	ng	#	94
26) 2-Nitrophenol	8.34	139	70003	45.04	ng	#	88
27) 2,4-Dimethylphenol	8.41	122	127614	41.03	ng		96
28) bis(2-Chloroethoxy)methane	8.52	93	157496	36.38	ng	#	97
29) 2,4-Dichlorophenol	8.64	162	112620	40.73	ng		95
30) 1,2,4-Trichlorobenzene	8.74	180	111695	36.77	ng		95
31) Naphthalene	8.84	128	1150275	110.88	ng		99
32) Benzoic acid	8.48	122	5074	8.57	ng		94
33) 4-Chloroaniline	8.91	127	98120	22.35	ng		97
34) Hexachlorobutadiene	8.99	225	60346	34.50	ng		98
35) Caprolactam	9.34	113	36245	40.53	ng		98
36) 4-Chloro-3-methylphenol	9.52	107	120054	41.33	ng		98
37) 2-Methylnaphthalene	9.70	142	720001	100.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	106588	36.19	ng	#	100
40) Hexachlorocyclopentadiene	9.88	237	18063	12.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	77887	38.47	ng		94
43) 2,4,5-Trichlorophenol	10.10	196	84506	41.28	ng	#	86
45) 1,1'-Biphenyl	10.28	154	368643	44.35	ng		95
46) 2-Chloronaphthalene	10.30	162	238298	36.75	ng		99
47) 2-Nitroaniline	10.43	65	80687	42.95	ng	#	77
48) Acenaphthylene	10.81	152	451553	42.41	ng		99
49) Dimethylphthalate	10.67	163	337280	43.95	ng		98
50) 2,6-Dinitrotoluene	10.74	165	63352	41.83	ng	#	74
51) Acenaphthene	11.03	154	472074	74.36	ng		99
52) 3-Nitroaniline	10.94	138	62383	32.97	ng	#	76
53) 2,4-Dinitrophenol	11.08	184	5227	17.51	ng	#	76
54) Dibenzofuran	11.24	168	401810	43.82	ng		95
55) 4-Nitrophenol	11.16	139	127470	85.13	ng		92
56) 2,4-Dinitrotoluene	11.23	165	79666	39.79	ng	#	92
57) Fluorene	11.67	166	514576	68.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	64239	38.40	ng	#	100
59) Diethylphthalate	11.54	149	276756	36.40	ng		97
60) 4-Chlorophenyl-phenylether	11.68	204	118173	35.39	ng		92
61) 4-Nitroaniline	11.69	138	73866	39.03	ng		90
62) Azobenzene	11.87	77	272754	36.41	ng		87
64) 4,6-Dinitro-2-methylphenol	11.74	198	10613	17.13	ng		82
65) n-Nitrosodiphenylamine	11.83	169	250573	36.77	ng		99
66) 4-Bromophenyl-phenylether	12.29	248	78385	36.75	ng	#	88
67) Hexachlorobenzene	12.34	284	87003	35.69	ng	#	90
68) Atrazine	12.50	200	77034	38.87	ng		95
69) Pentachlorophenol	12.59	266	90499	64.86	ng		96
70) Phenanthrene	12.87	178	1460608	127.58	ng		99
71) Anthracene	12.93	178	796565	70.92	ng		100
72) Carbazole	13.13	167	460838	43.05	ng		99
73) Di-n-butylphthalate	13.58	149	470781	36.67	ng		99
74) Fluoranthene	14.34	202	1112022	93.22	ng		98
76) Benzidine	14.51	184	273363	47.60	ng		97
77) Pyrene	14.62	202	1281925	104.39	ng		96
79) Butylbenzylphthalate	15.44	149	219712	40.93	ng		98
80) Benzo(a)anthracene	16.11	228	834287m	71.49	ng		
81) 3,3'-Dichlorobenzidine	16.09	252	131220	31.57	ng	#	98
82) Chrysene	16.16	228	723690	64.48	ng		99
83) Bis(2-ethylhexyl)phthalate	16.17	149	324474	39.91	ng	#	97
84) Di-n-octyl phthalate	16.98	149	604413	42.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.36	276	778173	54.42	ng	#	100
87) Benzo(b)fluoranthene	17.45	252	935036	69.44	ng		99
88) Benzo(k)fluoranthene	17.49	252	475430m	36.47	ng		
89) Benzo(a)pyrene	17.85	252	777023	62.67	ng		97
90) Dibenzo(a,h)anthracene	19.38	278	527670	40.04	ng		97
91) Benzo(g,h,i)perylene	19.78	276	659453	49.93	ng	#	93

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

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