Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079209.D
Acq On : 13 May 2015 22:38
Operator : TP/IZ
Sample : G2215-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-41DMSD

Manual Integrations APPROVED
apatel
5/14/2015 5:01:41 PM

Quant Time: May 14 02:11:52 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	59523	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	228995	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	113893	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	213283	20.00	ng		0.00
75) Chrysene-d12	16.13	240	209886	20.00	ng		-0.03
86) Perylene-d12	17.89	264	269650	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	394579	114.11	ng		0.00
7) Phenol-d6	6.80	99	545353	119.31	ng		0.00
23) Nitrobenzene-d5	7.93	82	276051	69.28	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	139365	113.11	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	495039	60.56	ng		0.00
78) Terphenyl-d14	14.82	244	559562	63.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	45223	30.08	ng	#	25
3) Pyridine	2.88	79	137259	31.20	ng		94
4) n-Nitrosodimethylamine	2.80	42	55133m	29.25	ng		
6) Aniline	6.82	93	149653	23.20	ng	#	24
8) 2-Chlorophenol	6.97	128	150118	38.28	ng		89
9) Benzaldehyde	6.68	77	66629	21.64	ng	#	78
10) Phenol	6.82	94	202064	38.11	ng		79
11) bis(2-Chloroethyl)ether	6.92	93	151010	38.85	ng		94
12) 1,3-Dichlorobenzene	7.15	146	151931	34.47	ng		97
13) 1,4-Dichlorobenzene	7.26	146	157067	34.62	ng		99
14) 1,2-Dichlorobenzene	7.44	146	145715	34.50	ng		100
15) Benzyl Alcohol	7.42	79	121329	35.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	205264	34.52	ng		97
17) 2-Methylphenol	7.56	107	115299	36.53	ng		98
18) Hexachloroethane	7.85	117	47173	30.19	ng	#	75
19) n-Nitroso-di-n-propylamine	7.75	70	99683	32.29	ng		91
20) 3+4-Methylphenols	7.76	107	152095	36.17	ng	#	44
22) Acetophenone	7.75	105	200808	38.81	ng	#	90
24) Nitrobenzene	7.95	77	146559	37.11	ng	#	87
25) Isophorone	8.25	82	268931	36.41	ng		96
26) 2-Nitrophenol	8.34	139	67656	41.39	ng	#	86
27) 2,4-Dimethylphenol	8.41	122	135514	41.43	ng		95
28) bis(2-Chloroethoxy)methane	8.52	93	164709	36.17	ng	#	97
29) 2,4-Dichlorophenol	8.64	162	117206	40.29	ng		95
30) 1,2,4-Trichlorobenzene	8.74	180	114722	35.90	ng		95
31) Naphthalene	8.84	128	1490270	136.58	ng		99
32) Benzoic acid	8.52	122	1422	6.91	ng	#	90
33) 4-Chloroaniline	8.91	127	120618	26.12	ng		96
34) Hexachlorobutadiene	8.99	225	62946	34.21	ng		98
35) Caprolactam	9.34	113	36430	38.73	ng		95
36) 4-Chloro-3-methylphenol	9.52	107	117834	38.57	ng		99
37) 2-Methylnaphthalene	9.70	142	880214	116.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	106537	33.21	ng	#	100
40) Hexachlorocyclopentadiene	9.88	237	12865	7.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	79930	36.25	ng		96
43) 2,4,5-Trichlorophenol	10.10	196	83712	37.55	ng	#	87
45) 1,1'-Biphenyl	10.27	154	394823	43.61	ng		98
46) 2-Chloronaphthalene	10.30	162	243933	34.54	ng		99
47) 2-Nitroaniline	10.43	65	82380	40.26	ng	#	81
48) Acenaphthylene	10.81	152	477809	41.20	ng		98
49) Dimethylphthalate	10.67	163	344442	41.21	ng		99
50) 2,6-Dinitrotoluene	10.74	165	64132	38.88	ng	#	73
51) Acenaphthene	11.03	154	573056	82.87	ng		98
52) 3-Nitroaniline	10.94	138	69279	33.62	ng	#	79
53) 2,4-Dinitrophenol	11.09	184	3637	12.19	ng	#	84
54) Dibenzofuran	11.25	168	421368	42.18	ng		94
55) 4-Nitrophenol	11.17	139	128913	79.04	ng		92
56) 2,4-Dinitrotoluene	11.25	165	85161	39.05	ng	#	65
57) Fluorene	11.67	166	604741	73.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.39	232	65139	35.75	ng	#	100
59) Diethylphthalate	11.54	149	280283	33.85	ng		98
60) 4-Chlorophenyl-phenylether	11.68	204	120788	33.21	ng		92
61) 4-Nitroaniline	11.69	138	75708	36.72	ng		90
62) Azobenzene	11.87	77	268713	32.93	ng		85
64) 4,6-Dinitro-2-methylphenol	11.75	198	7762	12.80	ng		84
65) n-Nitrosodiphenylamine	11.83	169	261548	36.82	ng		98
66) 4-Bromophenyl-phenylether	12.29	248	79398	35.71	ng	#	89
67) Hexachlorobenzene	12.34	284	87606	34.48	ng	#	92
68) Atrazine	12.50	200	78509	38.01	ng		94
69) Pentachlorophenol	12.59	266	88331	61.18	ng		97
70) Phenanthrene	12.87	178	1795685	150.49	ng		98
71) Anthracene	12.93	178	928447	79.32	ng		100
72) Carbazole	13.13	167	449827	40.32	ng		99
73) Di-n-butylphthalate	13.58	149	477275	35.67	ng		99
74) Fluoranthene	14.34	202	1260464	101.38	ng		98
76) Benzidine	14.51	184	290192	51.30	ng		98
77) Pyrene	14.63	202	1507768	124.66	ng		99
79) Butylbenzylphthalate	15.44	149	215039	40.67	ng		99
80) Benzo(a)anthracene	16.11	228	902700m	78.54	ng		
81) 3,3'-Dichlorobenzidine	16.09	252	135737	33.16	ng	#	98
82) Chrysene	16.16	228	758466	68.61	ng		98
83) Bis(2-ethylhexyl)phthalate	16.17	149	325701	40.67	ng		99
84) Di-n-octyl phthalate	16.97	149	600039	42.55	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.33	276	791519	56.20	ng	#	100
87) Benzo(b)fluoranthene	17.44	252	883484	59.86	ng		98
88) Benzo(k)fluoranthene	17.47	252	637271m	44.60	ng		
89) Benzo(a)pyrene	17.83	252	847306	62.35	ng		97
90) Dibenzo(a,h)anthracene	19.35	278	527606	36.53	ng	#	96
91) Benzo(g,h,i)perylene	19.76	276	669902	46.28	ng		96

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

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