Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079585.D
Acq On : 30 May 2015 5:11
Operator : TP/IZ
Sample : G2408-05MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-23DMSD

Manual Integrations APPROVED
apatel
6/1/2015 4:22:14 PM

Quant Time: May 30 05:46:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 30 05:43:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90212	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	376489	20.00	ng		0.00
38) Acenaphthene-d10	10.70	164	178380	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	319696	20.00	ng		0.00
75) Chrysene-d12	15.79	240	299052	20.00	ng		0.00
86) Perylene-d12	17.45	264	309946	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	547470	105.26	ng		0.00
7) Phenol-d6	6.55	99	685762	103.44	ng		0.00
23) Nitrobenzene-d5	7.66	82	401407	61.63	ng		0.00
41) 2,4,6-Tribromophenol	11.67	330	197854	100.98	ng		0.00
44) 2-Fluorobiphenyl	9.87	172	782437	62.58	ng		0.00
78) Terphenyl-d14	14.51	244	766693	60.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	70407	28.46	ng	#	100
3) Pyridine	2.42	79	143066	26.26	ng		98
4) n-Nitrosodimethylamine	2.35	42	71469	26.64	ng		98
6) Aniline	6.54	93	205730	21.87	ng		99
8) 2-Chlorophenol	6.68	128	197488	32.62	ng		99
9) Benzaldehyde	6.40	77	22641	4.06	ng		96
10) Phenol	6.56	94	248767	31.87	ng		91
11) bis(2-Chloroethyl)ether	6.65	93	190086	33.67	ng		94
12) 1,3-Dichlorobenzene	6.87	146	207420	30.92	ng		98
13) 1,4-Dichlorobenzene	6.97	146	209676	30.64	ng		99
14) 1,2-Dichlorobenzene	7.15	146	196504	30.92	ng		98
15) Benzyl Alcohol	7.15	79	160621	32.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.32	45	262713	31.79	ng		96
17) 2-Methylphenol	7.31	107	152607	32.08	ng		98
18) Hexachloroethane	7.56	117	74732	31.73	ng		94
19) n-Nitroso-di-n-propylamine	7.48	70	140858	30.20	ng	#	90
20) 3+4-Methylphenols	7.51	107	206951	31.66	ng		94
22) Acetophenone	7.47	105	275561	32.67	ng	#	91
24) Nitrobenzene	7.68	77	191612	29.85	ng	#	80
25) Isophorone	7.98	82	361173	30.42	ng		96
26) 2-Nitrophenol	8.07	139	100851	33.18	ng	#	90
27) 2,4-Dimethylphenol	8.15	122	175860	32.19	ng		96
28) bis(2-Chloroethoxy)methane	8.26	93	233400	31.72	ng		98
29) 2,4-Dichlorophenol	8.38	162	171259	34.22	ng		96
30) 1,2,4-Trichlorobenzene	8.47	180	168323	32.43	ng		91
31) Naphthalene	8.56	128	590186	32.67	ng		98
32) Benzoic acid	8.27	122	18584	5.48	ng		94
33) 4-Chloroaniline	8.64	127	182042	24.12	ng		96
34) Hexachlorobutadiene	8.71	225	92762	31.42	ng		98
35) Caprolactam	9.07	113	47212	29.92	ng		94
36) 4-Chloro-3-methylphenol	9.27	107	173046	33.34	ng	#	87
37) 2-Methylnaphthalene	9.42	142	423138	33.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	163509	32.77	ng	#	100
40) Hexachlorocyclopentadiene	9.60	237	58933	49.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	105504	30.28	ng		98
43) 2,4,5-Trichlorophenol	9.83	196	117383	33.85	ng		92
45) 1,1'-Biphenyl	10.00	154	466079	33.45	ng		99
46) 2-Chloronaphthalene	10.01	162	350948	31.90	ng		99
47) 2-Nitroaniline	10.16	65	99808	30.51	ng	#	46
48) Acenaphthylene	10.51	152	564157	30.89	ng		99
49) Dimethylphthalate	10.39	163	488572	37.17	ng		99
50) 2,6-Dinitrotoluene	10.47	165	88235	33.60	ng	#	83
51) Acenaphthene	10.73	154	357283	34.21	ng		99
52) 3-Nitroaniline	10.66	138	87650	25.66	ng		100
53) 2,4-Dinitrophenol	10.82	184	22224	32.29	ng		89
54) Dibenzofuran	10.95	168	516054	33.50	ng		97
55) 4-Nitrophenol	10.91	139	99427m	52.49	ng		
56) 2,4-Dinitrotoluene	10.97	165	110223	31.30	ng	#	68
57) Fluorene	11.37	166	437626	34.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.11	232	83419	33.05	ng	#	100
59) Diethylphthalate	11.27	149	397135	30.87	ng		98
60) 4-Chlorophenyl-phenylether	11.38	204	178545	32.54	ng		97
61) 4-Nitroaniline	11.42	138	86533	27.20	ng		97
62) Azobenzene	11.58	77	379046	30.29	ng		97
64) 4,6-Dinitro-2-methylphenol	11.46	198	37470	26.80	ng		79
65) n-Nitrosodiphenylamine	11.53	169	345434	32.53	ng		99
66) 4-Bromophenyl-phenylether	11.99	248	112239	34.09	ng	#	90
67) Hexachlorobenzene	12.05	284	126142	33.61	ng	#	88
68) Atrazine	12.22	200	103639	36.13	ng		98
69) Pentachlorophenol	12.30	266	89914	62.53	ng		97
70) Phenanthrene	12.55	178	697565	39.77	ng		98
71) Anthracene	12.62	178	606194	34.04	ng		99
72) Carbazole	12.83	167	537257	31.34	ng		98
73) Di-n-butylphthalate	13.29	149	645333	33.14	ng		99
74) Fluoranthene	14.02	202	676567	35.97	ng		97
76) Benzidine	14.22	184	309615	48.34	ng		98
77) Pyrene	14.30	202	714781	38.58	ng		99
79) Butylbenzylphthalate	15.13	149	264967	31.80	ng		92
80) Benzo(a)anthracene	15.78	228	576156	33.49	ng		99
81) 3,3'-Dichlorobenzidine	15.77	252	183881	29.19	ng		99
82) Chrysene	15.83	228	541894	33.14	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	409633	34.32	ng		99
84) Di-n-octyl phthalate	16.62	149	662788	31.90	ng		99
85) Indeno(1,2,3-cd)pyrene	18.73	276	672276	31.96	ng		98
87) Benzo(b)fluoranthene	17.04	252	598524m	33.86	ng		
88) Benzo(k)fluoranthene	17.06	252	544087m	34.42	ng		
89) Benzo(a)pyrene	17.39	252	553925	35.32	ng	#	98
90) Dibenzo(a,h)anthracene	18.74	278	532973	32.44	ng		98
91) Benzo(g,h,i)perylene	19.10	276	573954	35.50	ng		95

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

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