Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080399.D
Acq On : 8 Jul 2015 20:49
Operator : TP/UM
Sample : G2866-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Manual Integrations APPROVED
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Quant Time: Jul 09 12:29:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 00:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	35513	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	109475	20.00	ng		0.01
38) Acenaphthene-d10	10.30	164	68086	20.00	ng		0.03
63) Phenanthrene-d10	11.81	188	72649	20.00	ng		0.03
75) Chrysene-d12	14.59	240	156619m	20.00	ng		-0.25
86) Perylene-d12	16.35	264	162336m	20.00	ng		-0.41
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	237614	122.54	ng		0.00
7) Phenol-d6	6.82	99	324439	126.23	ng		0.00
23) Nitrobenzene-d5	7.77	82	246355	131.25	ng		0.00
41) 2,4,6-Tribromophenol	11.10	330	63847	89.62	ng		0.05
44) 2-Fluorobiphenyl	9.61	172	216434	42.90	ng		0.03
78) Terphenyl-d14	13.41	244	365238m	54.39	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	25671	28.04	ng		96
3) Pyridine	3.85	79	57951	24.87	ng		99
4) n-Nitrosodimethylamine	3.72	42	33935	31.00	ng		96
6) Aniline	6.88	93	81702	22.96	ng	#	95
8) 2-Chlorophenol	6.99	128	81183	36.12	ng		91
9) Benzaldehyde	6.75	77	51989	36.37	ng		88
10) Phenol	6.83	94	112433	40.34	ng		90
11) bis(2-Chloroethyl)ether	6.93	93	78766	37.46	ng	#	70
12) 1,3-Dichlorobenzene	7.15	146	89419	32.40	ng		97
13) 1,4-Dichlorobenzene	7.23	146	83881	32.55	ng	#	87
14) 1,2-Dichlorobenzene	7.39	146	78003m	29.91	ng		
15) Benzyl Alcohol	7.33	79	115962	58.28	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.48	45	107339	31.57	ng		69
17) 2-Methylphenol	7.45	107	66216	38.01	ng	#	87
18) Hexachloroethane	7.79	117	421385	508.93	ng	#	20
19) n-Nitroso-di-n-propylamine	7.61	70	73891	44.30	ng	#	90
20) 3+4-Methylphenols	7.60	107	89319	36.78	ng		91
22) Acetophenone	7.61	105	95872	37.96	ng	#	62
24) Nitrobenzene	7.79	77	109517	58.09	ng	#	76
25) Isophorone	8.03	82	367976	101.86	ng	#	22
26) 2-Nitrophenol	8.11	139	38064	46.65	ng	#	1
27) 2,4-Dimethylphenol	8.14	122	97074	60.47	ng		93
28) bis(2-Chloroethoxy)methane	8.24	93	81807	36.46	ng	#	1
29) 2,4-Dichlorophenol	8.36	162	78162	54.84	ng	#	63
30) 1,2,4-Trichlorobenzene	8.45	180	71881	42.43	ng	#	97
31) Naphthalene	8.53	128	492253	87.66	ng	#	49
32) Benzoic acid	8.14	122	97074	89.26	ng	#	46
33) 4-Chloroaniline	8.57	127	71094	31.76	ng	#	1
34) Hexachlorobutadiene	8.66	225	32415	31.46	ng		99
35) Caprolactam	8.94	113	259306	589.10	ng	#	21
36) 4-Chloro-3-methylphenol	9.05	107	64766	44.04	ng	#	80
37) 2-Methylnaphthalene	9.24	142	98258	27.45	ng	#	33
39) 1,2,4,5-Tetrachlorobenzene	9.42	216	45508	21.09	ng	#	67
40) Hexachlorocyclopentadiene	9.41	237	15900	23.22	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	30353	21.35	ng	#	80
43) 2,4,5-Trichlorophenol	9.55	196	25549m	15.42	ng		
45) 1,1'-Biphenyl	9.71	154	122101	20.21	ng		82
46) 2-Chloronaphthalene	9.74	162	116564	25.30	ng	#	9
47) 2-Nitroaniline	9.82	65	82210	63.76	ng	#	78
48) Acenaphthylene	10.18	152	227629	29.68	ng	#	33
49) Dimethylphthalate	10.00	163	105460	19.29	ng	#	80
50) 2,6-Dinitrotoluene	10.08	165	47860	41.88	ng	#	62
51) Acenaphthene	10.35	154	279150	60.80	ng	#	57
52) 3-Nitroaniline	10.22	138	34604	26.87	ng	#	69
53) 2,4-Dinitrophenol	10.40	184	8825	23.70	ng	#	1
54) Dibenzofuran	10.52	168	304364	46.63	ng	#	1
55) 4-Nitrophenol	10.42	139	192615	204.06	ng	#	60
56) 2,4-Dinitrotoluene	10.51	165	196954	134.01	ng	#	67
57) Fluorene	10.88	166	508152	90.40	ng	#	72
58) 2,3,4,6-Tetrachlorophenol	10.65	232	13809	10.41	ng	#	1
59) Diethylphthalate	10.70	149	97807	17.91	ng	#	75
60) 4-Chlorophenyl-phenylether	10.85	204	41448	16.66	ng	#	1
61) 4-Nitroaniline	10.84	138	21942m	17.55	ng		
62) Azobenzene	11.01	77	136409	26.30	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.86	198	10195	26.74	ng	#	1
65) n-Nitrosodiphenylamine	10.98	169	1070980	462.81	ng	#	48
66) 4-Bromophenyl-phenylether	11.34	248	33202	39.89	ng	#	1
67) Hexachlorobenzene	11.46	284	36527	41.84	ng	#	36
68) Atrazine	11.48	200	49676	72.11	ng	#	50
69) Pentachlorophenol	11.62	266	36134	83.71	ng		94
70) Phenanthrene	11.85	178	1842065	422.74	ng	#	92
71) Anthracene	11.89	178	297731	69.68	ng	#	78
72) Carbazole	12.03	167	161307	40.48	ng	#	55
73) Di-n-butylphthalate	12.34	149	159868	35.07	ng	#	79
74) Fluoranthene	13.06	202	764632	163.31	ng		95
76) Benzidine	13.14	184	111428m	28.05	ng		
77) Pyrene	13.29	202	808047m	85.30	ng		
79) Butylbenzylphthalate	13.90	149	151461m	40.07	ng		
80) Benzo(a)anthracene	14.58	228	525246m	55.65	ng		
81) 3,3'-Dichlorobenzidine	14.52	252	79323m	25.34	ng		
82) Chrysene	14.63	228	452186m	51.20	ng		
83) Bis(2-ethylhexyl)phthalate	14.56	149	262002m	45.47	ng		
84) Di-n-octyl phthalate	15.30	149	404690m	42.52	ng		
85) Indeno(1,2,3-cd)pyrene	18.09	276	418306m	40.28	ng		
87) Benzo(b)fluoranthene	15.84	252	478457m	46.90	ng		
88) Benzo(k)fluoranthene	15.87	252	368588m	38.17	ng		
89) Benzo(a)pyrene	16.27	252	414825m	44.46	ng		
90) Dibenzo(a,h)anthracene	18.11	278	318380m	34.65	ng		
91) Benzo(g,h,i)perylene	18.61	276	347747m	37.32	ng		

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

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