Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080398.D
Acq On : 8 Jul 2015 20:19
Operator : TP/UM
Sample : G2866-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/9/2015 2:19:54 PM

Quant Time: Jul 09 12:19:01 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	37768	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	117995	20.00	ng		0.01
38) Acenaphthene-d10	10.30	164	68759	20.00	ng		0.03
63) Phenanthrene-d10	11.81	188	87530	20.00	ng		0.03
75) Chrysene-d12	14.66	240	159434	20.00	ng		-0.18
86) Perylene-d12	16.45	264	164161	20.00	ng		-0.31
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	279928	135.74	ng		0.00
7) Phenol-d6	6.82	99	380697	139.27	ng		0.00
23) Nitrobenzene-d5	7.77	82	279404	138.11	ng		0.00
41) 2,4,6-Tribromophenol	11.10	330	77653	107.93	ng		0.05
44) 2-Fluorobiphenyl	9.60	172	259043	50.84	ng		0.02
78) Terphenyl-d14	13.45	244	431753	63.17	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	27421	28.16	ng		94
3) Pyridine	3.84	79	72374	29.21	ng		96
4) n-Nitrosodimethylamine	3.72	42	41326	35.50	ng		96
6) Aniline	6.88	93	90239	23.84	ng		96
8) 2-Chlorophenol	6.99	128	92891	38.86	ng		91
9) Benzaldehyde	6.75	77	56997	37.49	ng		88
10) Phenol	6.83	94	132257	44.62	ng		88
11) bis(2-Chloroethyl)ether	6.93	93	83946	37.54	ng	#	73
12) 1,3-Dichlorobenzene	7.15	146	100795	34.35	ng		97
13) 1,4-Dichlorobenzene	7.23	146	94984	34.66	ng	#	89
14) 1,2-Dichlorobenzene	7.39	146	91384m	32.95	ng		
15) Benzyl Alcohol	7.33	79	129522	61.21	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.48	45	123364	34.12	ng		75
17) 2-Methylphenol	7.45	107	75682	40.85	ng	#	88
18) Hexachloroethane	7.74	117	181196	205.78	ng	#	1
19) n-Nitroso-di-n-propylamine	7.61	70	85604	48.26	ng	#	89
20) 3+4-Methylphenols	7.60	107	100021	38.73	ng		91
22) Acetophenone	7.61	105	111420	40.93	ng	#	63
24) Nitrobenzene	7.79	77	121164	59.62	ng	#	76
25) Isophorone	8.03	82	378167	97.12	ng	#	29
26) 2-Nitrophenol	8.11	139	52962	60.22	ng	#	1
27) 2,4-Dimethylphenol	8.13	122	116907	67.57	ng	#	86
28) bis(2-Chloroethoxy)methane	8.24	93	101003	41.77	ng	#	1
29) 2,4-Dichlorophenol	8.35	162	88881	57.85	ng	#	64
30) 1,2,4-Trichlorobenzene	8.45	180	79760	43.68	ng	#	96
31) Naphthalene	8.53	128	520194	85.95	ng	#	59
32) Benzoic acid	8.30	122	22778	29.25	ng	#	24
33) 4-Chloroaniline	8.57	127	92474	38.33	ng	#	3
34) Hexachlorobutadiene	8.66	225	38410	34.58	ng		99
35) Caprolactam	8.94	113	236687	498.88	ng	#	53
36) 4-Chloro-3-methylphenol	9.05	107	75560	47.67	ng	#	86
37) 2-Methylnaphthalene	9.24	142	118790	30.79	ng	#	69
39) 1,2,4,5-Tetrachlorobenzene	9.42	216	54456	24.99	ng	#	63
40) Hexachlorocyclopentadiene	9.40	237	24486	31.70	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	39246	27.34	ng		88
43) 2,4,5-Trichlorophenol	9.55	196	36723	21.95	ng	#	1
45) 1,1'-Biphenyl	9.71	154	130281	21.35	ng		92
46) 2-Chloronaphthalene	9.73	162	100640	21.63	ng	#	55
47) 2-Nitroaniline	9.81	65	34128	26.21	ng	#	79
48) Acenaphthylene	10.17	152	240484	31.05	ng	#	38
49) Dimethylphthalate	10.00	163	111409	20.18	ng	#	85
50) 2,6-Dinitrotoluene	10.08	165	37369	32.38	ng	#	79
51) Acenaphthene	10.34	154	289329	62.40	ng	#	65
52) 3-Nitroaniline	10.22	138	35798	27.53	ng	#	79
53) 2,4-Dinitrophenol	10.38	184	13731	32.38	ng	#	1
54) Dibenzofuran	10.51	168	288606	43.78	ng	#	1
55) 4-Nitrophenol	10.37	139	21568	22.63	ng	#	38
56) 2,4-Dinitrotoluene	10.51	165	149491	100.72	ng	#	67
57) Fluorene	10.86	166	482886	85.07	ng	#	85
58) 2,3,4,6-Tetrachlorophenol	10.65	232	25620	19.12	ng	#	1
59) Diethylphthalate	10.70	149	124521	22.58	ng	#	82
60) 4-Chlorophenyl-phenylether	10.85	204	50755	20.20	ng	#	9
61) 4-Nitroaniline	10.84	138	31102m	24.64	ng		
62) Azobenzene	11.01	77	138653	26.47	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.89	198	10583	23.77	ng	#	1
65) n-Nitrosodiphenylamine	10.98	169	1102967	395.60	ng	#	46
66) 4-Bromophenyl-phenylether	11.34	248	37956	37.85	ng	#	36
67) Hexachlorobenzene	11.46	284	42079	40.01	ng	#	70
68) Atrazine	11.48	200	54250	65.36	ng	#	66
69) Pentachlorophenol	11.62	266	42228	81.19	ng		96
70) Phenanthrene	11.85	178	1779019	338.86	ng	#	95
71) Anthracene	11.89	178	437315	84.95	ng	#	85
72) Carbazole	12.03	167	185387	38.61	ng	#	68
73) Di-n-butylphthalate	12.35	149	195387	35.58	ng	#	83
74) Fluoranthene	13.08	202	803358	142.41	ng		98
76) Benzidine	13.17	184	134710m	33.31	ng		
77) Pyrene	13.31	202	782417m	81.14	ng		
79) Butylbenzylphthalate	13.96	149	163637	42.52	ng		98
80) Benzo(a)anthracene	14.65	228	550883	57.33	ng		99
81) 3,3'-Dichlorobenzidine	14.59	252	94732	29.73	ng	#	96
82) Chrysene	14.69	228	479809	53.37	ng		99
83) Bis(2-ethylhexyl)phthalate	14.63	149	282598	48.18	ng		99
84) Di-n-octyl phthalate	15.40	149	453998	46.86	ng		99
85) Indeno(1,2,3-cd)pyrene	18.21	276	457152	43.24	ng		95
87) Benzo(b)fluoranthene	15.95	252	488482	47.35	ng		100
88) Benzo(k)fluoranthene	15.99	252	431945m	44.23	ng		
89) Benzo(a)pyrene	16.39	252	456088	48.34	ng		98
90) Dibenzo(a,h)anthracene	18.23	278	360219	38.77	ng		97
91) Benzo(g,h,i)perylene	18.74	276	384005	40.76	ng		99

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

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