Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077793.D
Acq On : 18 Mar 2015 10:49
Operator : TP/IZ
Sample : G1544-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12(13-15)MS

Manual Integrations APPROVED
mohammad
3/20/2015 1:47:56 PM

Quant Time: Mar 19 01:28:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42248	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	171113	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	84726	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	161890	20.00	ng		0.00
75) Chrysene-d12	16.05	240	174880	20.00	ng		-0.08
86) Perylene-d12	17.86	264	162935	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	209242	86.45	ng		0.01
7) Phenol-d6	6.73	99	280026	93.64	ng		0.00
23) Nitrobenzene-d5	7.85	82	148934	57.05	ng		-0.01
41) 2,4,6-Tribromophenol	11.88	330	66126	81.57	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	342062	59.33	ng		0.00
78) Terphenyl-d14	14.74	244	386430m	53.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	24606	22.39	ng	#	100
3) Pyridine	2.76	79	62068	21.02	ng		97
4) n-Nitrosodimethylamine	2.68	42	26096	20.30	ng		97
6) Aniline	6.75	93	67881	15.87	ng	#	78
8) 2-Chlorophenol	6.89	128	82436	28.61	ng		99
9) Benzaldehyde	6.60	77	5436	4.44	ng		93
10) Phenol	6.74	94	101155	28.62	ng		87
11) bis(2-Chloroethyl)ether	6.85	93	74242	28.04	ng		98
12) 1,3-Dichlorobenzene	7.08	146	85641	26.73	ng		98
13) 1,4-Dichlorobenzene	7.18	146	86350	25.93	ng		99
14) 1,2-Dichlorobenzene	7.37	146	83176	27.25	ng		99
15) Benzyl Alcohol	7.34	79	63278	27.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	99302	27.83	ng		100
17) 2-Methylphenol	7.49	107	66578	28.39	ng		99
18) Hexachloroethane	7.78	117	29406	26.93	ng		95
19) n-Nitroso-di-n-propylamine	7.68	70	53986	26.10	ng		98
20) 3+4-Methylphenols	7.69	107	84761	27.54	ng		95
22) Acetophenone	7.66	105	111228	29.36	ng	#	99
24) Nitrobenzene	7.88	77	77009	27.38	ng	#	79
25) Isophorone	8.18	82	145586	27.62	ng		100
26) 2-Nitrophenol	8.27	139	38075	27.65	ng		94
27) 2,4-Dimethylphenol	8.34	122	75486	30.10	ng		99
28) bis(2-Chloroethoxy)methane	8.46	93	93353	29.17	ng		99
29) 2,4-Dichlorophenol	8.57	162	69257	28.97	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	72399	27.06	ng		99
31) Naphthalene	8.76	128	238696	27.16	ng		99
32) Benzoic acid	8.43	122	22463	18.11	ng		93
33) 4-Chloroaniline	8.84	127	66041	18.52	ng		96
34) Hexachlorobutadiene	8.92	225	40205	26.52	ng		99
35) Caprolactam	9.25	113	19988	28.61	ng		99
36) 4-Chloro-3-methylphenol	9.45	107	69189	28.76	ng		91
37) 2-Methylnaphthalene	9.62	142	167660	28.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	71392	28.25	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	63886	51.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	48836	27.90	ng		96
43) 2,4,5-Trichlorophenol	10.02	196	51575	27.27	ng	#	87
45) 1,1'-Biphenyl	10.20	154	197879	29.22	ng		97
46) 2-Chloronaphthalene	10.22	162	155535	28.26	ng		97
47) 2-Nitroaniline	10.35	65	39918	29.20	ng	#	81
48) Acenaphthylene	10.73	152	245374	26.81	ng		99
49) Dimethylphthalate	10.59	163	186307	29.65	ng		100
50) 2,6-Dinitrotoluene	10.67	165	37929	29.12	ng	#	71
51) Acenaphthene	10.94	154	142168	27.09	ng		99
52) 3-Nitroaniline	10.86	138	36693	24.26	ng		88
53) 2,4-Dinitrophenol	11.00	184	23045	51.36	ng	#	76
54) Dibenzofuran	11.16	168	227034	29.17	ng		96
55) 4-Nitrophenol	11.08	139	62483	55.76	ng	#	66
56) 2,4-Dinitrotoluene	11.16	165	52898	31.14	ng	#	79
57) Fluorene	11.58	166	180967	28.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	39309	26.99	ng	#	100
59) Diethylphthalate	11.47	149	178385	29.13	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	82140	27.85	ng		91
61) 4-Nitroaniline	11.62	138	43048	28.55	ng		86
62) Azobenzene	11.79	77	167450	28.61	ng		92
64) 4,6-Dinitro-2-methylphenol	11.66	198	17626	25.29	ng	#	74
65) n-Nitrosodiphenylamine	11.74	169	157081	29.14	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	50963	29.50	ng	#	87
67) Hexachlorobenzene	12.26	284	53615	28.24	ng	#	92
68) Atrazine	12.42	200	46156	30.55	ng		96
69) Pentachlorophenol	12.51	266	53078	54.41	ng		98
70) Phenanthrene	12.77	178	267463	28.78	ng		98
71) Anthracene	12.84	178	270946	29.51	ng		99
72) Carbazole	13.05	167	263010	30.11	ng		98
73) Di-n-butylphthalate	13.51	149	274484	28.03	ng		99
74) Fluoranthene	14.25	202	281825	27.49	ng		94
76) Benzidine	14.44	184	116097m	26.68	ng		
77) Pyrene	14.53	202	309669m	28.16	ng		
79) Butylbenzylphthalate	15.37	149	114982	26.52	ng		89
80) Benzo(a)anthracene	16.04	228	287139	27.70	ng		98
81) 3,3'-Dichlorobenzidine	16.02	252	77786	22.75	ng		99
82) Chrysene	16.08	228	261052	28.01	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	186079	28.33	ng	#	96
84) Di-n-octyl phthalate	16.93	149	270399m	24.08	ng		
85) Indeno(1,2,3-cd)pyrene	19.28	276	289891m	24.92	ng		
87) Benzo(b)fluoranthene	17.39	252	256620	24.13	ng		97
88) Benzo(k)fluoranthene	17.43	252	279987m	33.70	ng		
89) Benzo(a)pyrene	17.79	252	256652	28.92	ng	#	98
90) Dibenzo(a,h)anthracene	19.30	278	246469m	28.00	ng		
91) Benzo(g,h,i)perylene	19.69	276	250585m	27.96	ng		

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

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