Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080392.D
Acq On : 8 Jul 2015 17:22
Operator : TP/UM
Sample : G2905-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB3MSD

Manual Integrations APPROVED
apatel
7/9/2015 2:19:13 PM

Quant Time: Jul 09 01:42:29 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	43896	20.00	ng		0.00
21) Naphthalene-d8	8.50	136	173643	20.00	ng		0.00
38) Acenaphthene-d10	10.27	164	83694	20.00	ng		0.00
63) Phenanthrene-d10	11.77	188	182396	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	183969	20.00	ng		-0.10
86) Perylene-d12	16.61	264	169538	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	106099	44.27	ng		0.00
7) Phenol-d6	6.81	99	83253	26.20	ng		-0.01
23) Nitrobenzene-d5	7.77	82	257952	86.65	ng		0.00
41) 2,4,6-Tribromophenol	11.06	330	101516	115.92	ng		0.00
44) 2-Fluorobiphenyl	9.57	172	538989	86.91	ng		0.00
78) Terphenyl-d14	13.46	244	573641	72.73	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	16184	14.30	ng		98
3) Pyridine	3.87	79	35097	12.19	ng		96
4) n-Nitrosodimethylamine	3.74	42	18917	13.98	ng	#	98
6) Aniline	6.86	93	74663	16.97	ng		98
8) 2-Chlorophenol	6.99	128	82639	29.74	ng		99
9) Benzaldehyde	6.75	77	71370	40.39	ng		98
10) Phenol	6.83	94	37598	10.91	ng		96
11) bis(2-Chloroethyl)ether	6.92	93	108933	41.91	ng		98
12) 1,3-Dichlorobenzene	7.15	146	125059	36.67	ng		99
13) 1,4-Dichlorobenzene	7.23	146	119880	37.64	ng		99
14) 1,2-Dichlorobenzene	7.38	146	125242	38.85	ng		99
15) Benzyl Alcohol	7.33	79	60263	24.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.48	45	187508	44.62	ng		96
17) 2-Methylphenol	7.45	107	51834	24.07	ng		95
18) Hexachloroethane	7.73	117	37681	36.82	ng		97
19) n-Nitroso-di-n-propylamine	7.61	70	89265	43.30	ng		96
20) 3+4-Methylphenols	7.60	107	61537	20.50	ng		95
22) Acetophenone	7.61	105	175625	43.84	ng		99
24) Nitrobenzene	7.78	77	118466	39.61	ng		97
25) Isophorone	8.02	82	237750	41.49	ng		100
26) 2-Nitrophenol	8.11	139	48656	37.59	ng		99
27) 2,4-Dimethylphenol	8.13	122	91243	35.83	ng		99
28) bis(2-Chloroethoxy)methane	8.22	93	140351	39.44	ng		99
29) 2,4-Dichlorophenol	8.35	162	80294	35.52	ng		99
30) 1,2,4-Trichlorobenzene	8.44	180	104428	38.87	ng		99
31) Naphthalene	8.52	128	350405m	39.34	ng		
32) Benzoic acid	8.18	122	9716	12.97	ng		93
33) 4-Chloroaniline	8.56	127	85785m	24.16	ng		
34) Hexachlorobutadiene	8.64	225	59367	36.32	ng		98
35) Caprolactam	8.90	113	3688	5.28	ng	#	83
36) 4-Chloro-3-methylphenol	9.02	107	77124	33.06	ng		99
37) 2-Methylnaphthalene	9.22	142	233535	41.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	110277	41.57	ng		98
40) Hexachlorocyclopentadiene	9.37	237	94325	85.05	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.49	196	60493	34.62	ng		97
43) 2,4,5-Trichlorophenol	9.53	196	70577	34.65	ng		95
45) 1,1'-Biphenyl	9.68	154	325658	43.84	ng		99
46) 2-Chloronaphthalene	9.71	162	226361	39.96	ng		98
47) 2-Nitroaniline	9.79	65	74035	46.71	ng		98
48) Acenaphthylene	10.12	152	368011	39.03	ng		100
49) Dimethylphthalate	9.96	163	327794	48.78	ng		100
50) 2,6-Dinitrotoluene	10.03	165	61366	43.68	ng		98
51) Acenaphthene	10.29	154	241312	42.76	ng		97
52) 3-Nitroaniline	10.20	138	48529	30.66	ng		99
53) 2,4-Dinitrophenol	10.32	184	39887	66.66	ng		99
54) Dibenzofuran	10.48	168	339095	42.26	ng		99
55) 4-Nitrophenol	10.35	139	24272	20.92	ng		91
56) 2,4-Dinitrotoluene	10.44	165	82408	45.61	ng		99
57) Fluorene	10.82	166	288103	41.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.59	232	60918	37.34	ng		97
59) Diethylphthalate	10.67	149	300395	44.75	ng		99
60) 4-Chlorophenyl-phenylether	10.81	204	134150	43.87	ng		99
61) 4-Nitroaniline	10.82	138	58326	37.96	ng		100
62) Azobenzene	10.97	77	285796	44.83	ng		98
64) 4,6-Dinitro-2-methylphenol	10.85	198	34049	33.83	ng		98
65) n-Nitrosodiphenylamine	10.92	169	239445	41.21	ng		100
66) 4-Bromophenyl-phenylether	11.30	248	88120	42.17	ng		98
67) Hexachlorobenzene	11.38	284	91284	41.65	ng		99
68) Atrazine	11.44	200	71984	41.62	ng		98
69) Pentachlorophenol	11.56	266	74359	68.61	ng		95
70) Phenanthrene	11.79	178	421753	38.55	ng		100
71) Anthracene	11.85	178	447534	41.72	ng		100
72) Carbazole	12.00	167	387369	38.72	ng		100
73) Di-n-butylphthalate	12.33	149	483393	42.24	ng		100
74) Fluoranthene	13.05	202	456958	38.87	ng		96
76) Benzidine	13.17	184	75867	16.26	ng		98
77) Pyrene	13.31	202	486502	43.72	ng		99
79) Butylbenzylphthalate	14.02	149	213039	47.98	ng		95
80) Benzo(a)anthracene	14.73	228	452803	40.84	ng		99
81) 3,3'-Dichlorobenzidine	14.68	252	115430	31.40	ng		99
82) Chrysene	14.77	228	423760	40.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	322219	47.61	ng	#	98
84) Di-n-octyl phthalate	15.54	149	524650	46.93	ng		98
85) Indeno(1,2,3-cd)pyrene	18.37	276	465407	38.15	ng		99
87) Benzo(b)fluoranthene	16.10	252	416157	39.06	ng	#	97
88) Benzo(k)fluoranthene	16.13	252	429923	42.63	ng	#	96
89) Benzo(a)pyrene	16.53	252	412956	42.38	ng		99
90) Dibenzo(a,h)anthracene	18.40	278	386760	40.30	ng		98
91) Benzo(g,h,i)perylene	18.91	276	389969	40.08	ng		98

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

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