Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080301.D
Acq On : 2 Jul 2015 7:15
Operator : TP/UM
Sample : G2838-12MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B2MSD

Manual Integrations APPROVED
apatel
7/2/2015 2:40:25 PM

Quant Time: Jul 02 08:40:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	43910	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	167325	20.00	ng		0.00
38) Acenaphthene-d10	10.32	164	85798	20.00	ng		0.00
63) Phenanthrene-d10	11.83	188	174163	20.00	ng		0.00
75) Chrysene-d12	14.78	240	168950	20.00	ng		0.03
86) Perylene-d12	16.63	264	156380	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	299482	118.11	ng		0.00
7) Phenol-d6	6.87	99	356499	104.73	ng		0.00
23) Nitrobenzene-d5	7.83	82	269234	88.59	ng		0.01
41) 2,4,6-Tribromophenol	11.12	330	114486	140.14	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	553461	92.85	ng		0.00
78) Terphenyl-d14	13.51	244	588301	81.56	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	35754	117.50	ng	#	100
3) Pyridine	3.97	79	85393	27.21	ng		99
4) n-Nitrosodimethylamine	3.85	42	65914	47.15	ng		96
6) Aniline	6.93	93	101966	22.40	ng		90
8) 2-Chlorophenol	7.05	128	133902	48.07	ng		97
9) Benzaldehyde	6.81	77	53119	28.56	ng		99
10) Phenol	6.89	94	139382	37.02	ng		85
11) bis(2-Chloroethyl)ether	6.98	93	137364	48.23	ng		97
12) 1,3-Dichlorobenzene	7.21	146	151016	44.42	ng		98
13) 1,4-Dichlorobenzene	7.28	146	146530	43.29	ng		98
14) 1,2-Dichlorobenzene	7.44	146	152280	45.28	ng		99
15) Benzyl Alcohol	7.40	79	124517	47.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	203904	46.67	ng		98
17) 2-Methylphenol	7.50	107	105100	43.65	ng		99
18) Hexachloroethane	7.78	117	47817	45.24	ng		97
19) n-Nitroso-di-n-propylamine	7.66	70	94683	41.84	ng		95
20) 3+4-Methylphenols	7.66	107	138367	43.26	ng	#	74
22) Acetophenone	7.67	105	198775	50.85	ng	#	98
24) Nitrobenzene	7.84	77	149665	47.50	ng		98
25) Isophorone	8.08	82	289653	49.04	ng		99
26) 2-Nitrophenol	8.16	139	65511	47.61	ng		97
27) 2,4-Dimethylphenol	8.18	122	119299	47.22	ng		99
28) bis(2-Chloroethoxy)methane	8.29	93	176441	49.77	ng		99
29) 2,4-Dichlorophenol	8.40	162	115486	49.49	ng		99
30) 1,2,4-Trichlorobenzene	8.49	180	117483	43.16	ng		100
31) Naphthalene	8.58	128	382662m	44.89	ng		
32) Benzoic acid	8.26	122	59661	103.20	ng		97
33) 4-Chloroaniline	8.62	127	45225m	12.51	ng		
34) Hexachlorobutadiene	8.70	225	78978	46.06	ng		99
35) Caprolactam	8.96	113	25871	36.54	ng	#	76
36) 4-Chloro-3-methylphenol	9.09	107	124044	49.11	ng		96
37) 2-Methylnaphthalene	9.27	142	277955	47.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	133174	46.64	ng		99
40) Hexachlorocyclopentadiene	9.43	237	122385	106.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	82165	45.46	ng		97
43) 2,4,5-Trichlorophenol	9.59	196	89133	45.78	ng		97
45) 1,1'-Biphenyl	9.74	154	342336	46.92	ng		100
46) 2-Chloronaphthalene	9.76	162	248934	44.08	ng		98
47) 2-Nitroaniline	9.85	65	81522	50.19	ng		94
48) Acenaphthylene	10.18	152	434639	44.32	ng		100
49) Dimethylphthalate	10.02	163	333071	50.82	ng		99
50) 2,6-Dinitrotoluene	10.09	165	66385	49.55	ng	#	90
51) Acenaphthene	10.36	154	266616	47.21	ng		99
52) 3-Nitroaniline	10.26	138	36675	23.86	ng		95
53) 2,4-Dinitrophenol	10.37	184	57256	94.52	ng	#	1
54) Dibenzofuran	10.53	168	367064	46.06	ng		98
55) 4-Nitrophenol	10.41	139	90341	79.52	ng	#	67
56) 2,4-Dinitrotoluene	10.49	165	80346	46.25	ng	#	84
57) Fluorene	10.88	166	303308	45.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.64	232	70420	46.41	ng	#	99
59) Diethylphthalate	10.73	149	293830	47.17	ng	#	91
60) 4-Chlorophenyl-phenylether	10.86	204	140614	47.04	ng		99
61) 4-Nitroaniline	10.87	138	64067	41.02	ng		98
62) Azobenzene	11.02	77	287098	44.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.92	198	36942	49.14	ng	#	41
65) n-Nitrosodiphenylamine	10.97	169	252904	44.19	ng		99
66) 4-Bromophenyl-phenylether	11.36	248	87034	46.24	ng		98
67) Hexachlorobenzene	11.44	284	92797	46.00	ng		98
68) Atrazine	11.50	200	79982	46.23	ng		97
69) Pentachlorophenol	11.62	266	98020	88.75	ng		99
70) Phenanthrene	11.85	178	471684	45.20	ng		99
71) Anthracene	11.91	178	462514	46.20	ng		99
72) Carbazole	12.06	167	417079	44.55	ng		98
73) Di-n-butylphthalate	12.39	149	449711	44.77	ng		99
74) Fluoranthene	13.11	202	485296	45.01	ng		99
76) Benzidine	13.23	184	109763	22.19	ng		99
77) Pyrene	13.36	202	490474	45.35	ng		99
79) Butylbenzylphthalate	14.06	149	193718	46.72	ng		99
80) Benzo(a)anthracene	14.77	228	456408	44.71	ng		99
81) 3,3'-Dichlorobenzidine	14.71	252	103382	31.02	ng		98
82) Chrysene	14.81	228	426699	45.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.75	149	285412	48.90	ng		97
84) Di-n-octyl phthalate	15.56	149	456858	46.46	ng		98
85) Indeno(1,2,3-cd)pyrene	18.44	276	440015	41.58	ng		99
87) Benzo(b)fluoranthene	16.12	252	417109	42.23	ng	#	97
88) Benzo(k)fluoranthene	16.15	252	426095	45.80	ng	#	98
89) Benzo(a)pyrene	16.56	252	411087	45.66	ng		98
90) Dibenzo(a,h)anthracene	18.46	278	366397	43.38	ng		98
91) Benzo(g,h,i)perylene	18.99	276	376060	42.68	ng		97

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

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