Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080300.D
Acq On : 2 Jul 2015 6:46
Operator : TP/UM
Sample : G2838-12MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2MS

Manual Integrations APPROVED
apatel
7/2/2015 2:40:21 PM

Quant Time: Jul 02 08:29:37 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	41347	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	164768	20.00	ng		0.00
38) Acenaphthene-d10	10.32	164	82983	20.00	ng		0.00
63) Phenanthrene-d10	11.84	188	171320	20.00	ng		0.01
75) Chrysene-d12	14.83	240	173047	20.00	ng		0.08
86) Perylene-d12	16.69	264	158282	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	280392	117.44	ng		0.00
7) Phenol-d6	6.87	99	334572	104.39	ng		0.00
23) Nitrobenzene-d5	7.82	82	246733	82.45	ng		0.00
41) 2,4,6-Tribromophenol	11.12	330	108156	136.88	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	517213	89.71	ng		0.00
78) Terphenyl-d14	13.56	244	596341	80.72	ng		0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	36653m	127.92	ng		
3) Pyridine	3.96	79	97996	33.16	ng		98
4) n-Nitrosodimethylamine	3.85	42	54010	41.03	ng		92
6) Aniline	6.93	93	118793	27.71	ng		91
8) 2-Chlorophenol	7.05	128	123327	47.02	ng		98
9) Benzaldehyde	6.81	77	67291	38.42	ng		98
10) Phenol	6.89	94	131913	37.21	ng		85
11) bis(2-Chloroethyl)ether	6.98	93	128092	47.77	ng		97
12) 1,3-Dichlorobenzene	7.21	146	141547	44.21	ng		99
13) 1,4-Dichlorobenzene	7.28	146	136032	42.68	ng		100
14) 1,2-Dichlorobenzene	7.44	146	141272	44.61	ng		99
15) Benzyl Alcohol	7.40	79	113706	46.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	189415	46.04	ng		100
17) 2-Methylphenol	7.50	107	96519	42.57	ng		98
18) Hexachloroethane	7.78	117	42914	43.12	ng		98
19) n-Nitroso-di-n-propylamine	7.66	70	91273	42.83	ng		97
20) 3+4-Methylphenols	7.65	107	132809	44.10	ng		99
22) Acetophenone	7.67	105	188350	48.93	ng	#	98
24) Nitrobenzene	7.84	77	142304	45.86	ng		98
25) Isophorone	8.08	82	265400	45.63	ng		99
26) 2-Nitrophenol	8.16	139	59918	44.22	ng		96
27) 2,4-Dimethylphenol	8.18	122	111573	44.85	ng		100
28) bis(2-Chloroethoxy)methane	8.29	93	161275	46.20	ng		100
29) 2,4-Dichlorophenol	8.40	162	109485	47.65	ng		99
30) 1,2,4-Trichlorobenzene	8.49	180	111183	41.48	ng		99
31) Naphthalene	8.58	128	359957m	42.89	ng		
32) Benzoic acid	8.25	122	48379	84.99	ng		93
33) 4-Chloroaniline	8.62	127	47316m	13.29	ng		
34) Hexachlorobutadiene	8.70	225	71739	42.49	ng		99
35) Caprolactam	8.96	113	24674	35.39	ng	#	69
36) 4-Chloro-3-methylphenol	9.09	107	117213	47.12	ng		97
37) 2-Methylnaphthalene	9.27	142	257912	44.88	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	125028	45.28	ng		99
40) Hexachlorocyclopentadiene	9.43	237	106891	96.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	77083	44.10	ng		95
43) 2,4,5-Trichlorophenol	9.59	196	84177	44.70	ng		98
45) 1,1'-Biphenyl	9.74	154	327726	46.44	ng		99
46) 2-Chloronaphthalene	9.76	162	237380	43.46	ng		98
47) 2-Nitroaniline	9.85	65	75110	47.81	ng		96
48) Acenaphthylene	10.18	152	412219	43.46	ng		99
49) Dimethylphthalate	10.02	163	314422	49.60	ng		99
50) 2,6-Dinitrotoluene	10.09	165	63290	48.84	ng		90
51) Acenaphthene	10.36	154	256622	46.99	ng		100
52) 3-Nitroaniline	10.26	138	37384	25.15	ng		96
53) 2,4-Dinitrophenol	10.37	184	48634	87.44	ng	#	1
54) Dibenzofuran	10.53	168	352428	45.72	ng		99
55) 4-Nitrophenol	10.41	139	84695	77.08	ng	#	65
56) 2,4-Dinitrotoluene	10.49	165	78887	46.95	ng		85
57) Fluorene	10.88	166	298192	46.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.65	232	69383	47.28	ng		99
59) Diethylphthalate	10.73	149	288839	47.94	ng	#	91
60) 4-Chlorophenyl-phenylether	10.86	204	131673	45.55	ng		95
61) 4-Nitroaniline	10.87	138	60495	40.04	ng		93
62) Azobenzene	11.02	77	265481	42.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.92	198	33173	46.49	ng	#	43
65) n-Nitrosodiphenylamine	10.97	169	236471	42.01	ng		100
66) 4-Bromophenyl-phenylether	11.36	248	88603	47.85	ng	#	91
67) Hexachlorobenzene	11.44	284	92823	46.77	ng	#	84
68) Atrazine	11.50	200	73599	43.24	ng		92
69) Pentachlorophenol	11.64	266	87899	81.49	ng		98
70) Phenanthrene	11.86	178	445554	43.41	ng		99
71) Anthracene	11.92	178	442987	44.98	ng		99
72) Carbazole	12.07	167	398971	43.32	ng		98
73) Di-n-butylphthalate	12.41	149	447440	45.28	ng		99
74) Fluoranthene	13.14	202	464303	43.78	ng		100
76) Benzidine	13.26	184	92952	18.34	ng		98
77) Pyrene	13.41	202	474684	42.85	ng		99
79) Butylbenzylphthalate	14.10	149	189286	44.57	ng		95
80) Benzo(a)anthracene	14.81	228	433517	41.46	ng		98
81) 3,3'-Dichlorobenzidine	14.76	252	63981	18.74	ng	#	99
82) Chrysene	14.86	228	403522	41.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.80	149	251878	42.13	ng	#	99
84) Di-n-octyl phthalate	15.60	149	433061	42.99	ng		98
85) Indeno(1,2,3-cd)pyrene	18.48	276	424186	39.14	ng		98
87) Benzo(b)fluoranthene	16.16	252	405253	40.53	ng	#	98
88) Benzo(k)fluoranthene	16.20	252	417699	44.36	ng		97
89) Benzo(a)pyrene	16.61	252	399661	43.86	ng		98
90) Dibenzo(a,h)anthracene	18.51	278	349766	40.92	ng		98
91) Benzo(g,h,i)perylene	19.03	276	364383	40.86	ng		98

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

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