Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081017.D
Acq On : 17 Aug 2015 22:28
Operator : UM/IZ
Sample : G3239-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMPMS

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:14 PM

Quant Time: Aug 18 01:46:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	64923	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	242567	20.00	ng		0.01
38) Acenaphthene-d10	9.67	164	112988	20.00	ng		0.01
63) Phenanthrene-d10	11.13	188	216575	20.00	ng		0.00
75) Chrysene-d12	13.76	240	170823	20.00	ng		0.01
86) Perylene-d12	15.11	264	123530	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	516077	119.56	ng		0.03
7) Phenol-d6	6.28	99	719149	127.69	ng		0.02
23) Nitrobenzene-d5	7.20	82	468555	88.24	ng		0.01
41) 2,4,6-Tribromophenol	10.46	330	148525	151.65	ng		0.01
44) 2-Fluorobiphenyl	8.99	172	730189	84.68	ng		0.00
78) Terphenyl-d14	12.72	244	654521	82.14	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	72463	35.63	ng	#	91
3) Pyridine	2.88	79	125734m	21.90	ng		
4) n-Nitrosodimethylamine	2.80	42	130475	40.82	ng	#	76
6) Aniline	6.30	93	102924	12.57	ng	#	1
8) 2-Chlorophenol	6.41	128	194613	41.19	ng		96
9) Benzaldehyde	6.17	77	57770	15.91	ng		91
10) Phenol	6.30	94	287978	43.30	ng	#	72
11) bis(2-Chloroethyl)ether	6.38	93	225299	44.14	ng		94
12) 1,3-Dichlorobenzene	6.57	146	196038	38.62	ng		97
13) 1,4-Dichlorobenzene	6.65	146	195077	38.81	ng		96
14) 1,2-Dichlorobenzene	6.80	146	190558	40.50	ng		95
15) Benzyl Alcohol	6.79	79	199400	43.76	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.92	45	434185	43.29	ng		100
17) 2-Methylphenol	6.90	107	171745	42.37	ng		95
18) Hexachloroethane	7.14	117	79710	39.24	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	167134	42.84	ng		92
20) 3+4-Methylphenols	7.06	107	220856	42.92	ng	#	45
22) Acetophenone	7.05	105	300936	47.26	ng	#	95
24) Nitrobenzene	7.22	77	260230	46.87	ng		91
25) Isophorone	7.46	82	446603	45.10	ng		97
26) 2-Nitrophenol	7.53	139	99173	42.95	ng	#	87
27) 2,4-Dimethylphenol	7.59	122	207345	50.76	ng		91
28) bis(2-Chloroethoxy)methane	7.68	93	265288	45.35	ng		98
29) 2,4-Dichlorophenol	7.78	162	171003	49.73	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	174221	45.58	ng		99
31) Naphthalene	7.93	128	586821	43.40	ng		99
32) Benzoic acid	7.72	122	127881	55.66	ng		91
33) 4-Chloroaniline	7.99	127	65426	11.47	ng		93
34) Hexachlorobutadiene	8.06	225	91385	42.28	ng		98
35) Caprolactam	8.38	113	53038m	44.13	ng		
36) 4-Chloro-3-methylphenol	8.48	107	191635	46.76	ng		95
37) 2-Methylnaphthalene	8.63	142	387489	45.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	161227	44.23	ng		98
40) Hexachlorocyclopentadiene	8.79	237	184205	97.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	121571	47.20	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	116488	45.26	ng	#	90
45) 1,1'-Biphenyl	9.10	154	506332	50.88	ng		99
46) 2-Chloronaphthalene	9.12	162	347482	43.46	ng		98
47) 2-Nitroaniline	9.21	65	135217	41.33	ng		98
48) Acenaphthylene	9.53	152	585546	40.94	ng		99
49) Dimethylphthalate	9.40	163	396615	42.62	ng		99
50) 2,6-Dinitrotoluene	9.46	165	96783	48.44	ng		92
51) Acenaphthene	9.70	154	375687	43.88	ng		100
52) 3-Nitroaniline	9.62	138	69298	27.72	ng		99
53) 2,4-Dinitrophenol	9.74	184	110429	94.87	ng	#	53
54) Dibenzofuran	9.87	168	541077	47.16	ng		100
55) 4-Nitrophenol	9.79	139	150509	85.71	ng		84
56) 2,4-Dinitrotoluene	9.86	165	124827	47.14	ng	#	81
57) Fluorene	10.20	166	363243	41.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	91951m	46.16	ng		
59) Diethylphthalate	10.10	149	430275	43.69	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	165866	44.41	ng		100
61) 4-Nitroaniline	10.24	138	97432	38.13	ng		92
62) Azobenzene	10.36	77	516507	45.51	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	62348	48.21	ng		93
65) n-Nitrosodiphenylamine	10.33	169	370120	47.88	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	105535	49.60	ng	#	94
67) Hexachlorobenzene	10.75	284	107567	49.92	ng		96
68) Atrazine	10.86	200	61624	28.61	ng		98
69) Pentachlorophenol	10.95	266	127022	98.25	ng		99
70) Phenanthrene	11.16	178	608741	47.43	ng		100
71) Anthracene	11.21	178	552533	44.24	ng		99
72) Carbazole	11.37	167	591448	49.18	ng		99
73) Di-n-butylphthalate	11.71	149	654857	45.00	ng		98
74) Fluoranthene	12.34	202	673550	48.63	ng		96
76) Benzidine	12.47	184	32148	4.98	ng		99
77) Pyrene	12.56	202	611571	44.04	ng		99
79) Butylbenzylphthalate	13.20	149	294873	49.40	ng	#	75
80) Benzo(a)anthracene	13.75	228	526075	45.92	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	122706	33.07	ng		98
82) Chrysene	13.78	228	394187	38.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	375933	49.17	ng	#	96
84) Di-n-octyl phthalate	14.38	149	614205	52.85	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	354683	48.93	ng	#	94
87) Benzo(b)fluoranthene	14.74	252	409374m	46.85	ng		
88) Benzo(k)fluoranthene	14.77	252	334345m	41.06	ng		
89) Benzo(a)pyrene	15.05	252	348157	45.73	ng	#	95
90) Dibenzo(a,h)anthracene	16.35	278	295804	49.86	ng	#	95
91) Benzo(g,h,i)perylene	16.71	276	302276	50.22	ng	#	90

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

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