Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080878.D
Acq On : 5 Aug 2015 12:42
Operator : TP/UM
Sample : G3188-01MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:02:00 PM

Quant Time: Aug 05 16:20:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47655	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	168638	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	63999	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	100090	20.00	ng		0.00
75) Chrysene-d12	13.97	240	96845	20.00	ng		0.01
86) Perylene-d12	15.38	264	123345	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	378007	120.05	ng		0.01
7) Phenol-d6	6.46	99	511152	124.18	ng		0.01
23) Nitrobenzene-d5	7.39	82	327179	91.43	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	75593	122.48	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	430581	90.59	ng		0.00
78) Terphenyl-d14	12.92	244	302514	56.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	55726	36.10	ng		95
3) Pyridine	3.22	79	169994	39.96	ng		96
4) n-Nitrosodimethylamine	3.16	42	84960	38.93	ng		96
6) Aniline	6.49	93	134513	22.46	ng		98
8) 2-Chlorophenol	6.61	128	126921	35.98	ng		97
9) Benzaldehyde	6.37	77	24726	8.61	ng		94
10) Phenol	6.48	94	171694	35.06	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	143059	39.12	ng		98
12) 1,3-Dichlorobenzene	6.76	146	130426	34.50	ng		99
13) 1,4-Dichlorobenzene	6.84	146	134820	35.54	ng		99
14) 1,2-Dichlorobenzene	7.00	146	120078	33.55	ng		97
15) Benzyl Alcohol	6.97	79	110051	40.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	263344	37.21	ng		99
17) 2-Methylphenol	7.08	107	106095	34.34	ng		98
18) Hexachloroethane	7.33	117	49775	34.52	ng	#	73
19) n-Nitroso-di-n-propylamine	7.24	70	98872	37.18	ng	#	96
20) 3+4-Methylphenols	7.23	107	117659	32.84	ng	#	78
22) Acetophenone	7.23	105	168396	40.89	ng	#	82
24) Nitrobenzene	7.40	77	127436	34.34	ng	#	84
25) Isophorone	7.64	82	234523	36.99	ng	#	94
26) 2-Nitrophenol	7.72	139	57992	38.09	ng		94
27) 2,4-Dimethylphenol	7.77	122	113232	39.94	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	149768	38.41	ng		98
29) 2,4-Dichlorophenol	7.96	162	83712	35.77	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	99951	37.53	ng		98
31) Naphthalene	8.13	128	343716	37.42	ng		99
32) Benzoic acid	7.81	122	3991m	4.62	ng		
33) 4-Chloroaniline	8.18	127	82195	22.88	ng		95
34) Hexachlorobutadiene	8.25	225	54541	35.93	ng		99
35) Caprolactam	8.52	113	24723	37.00	ng	#	86
36) 4-Chloro-3-methylphenol	8.66	107	95353	37.14	ng		97
37) 2-Methylnaphthalene	8.82	142	208391	37.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	78666	36.02	ng		98
40) Hexachlorocyclopentadiene	8.98	237	56554	43.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	51348	34.69	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	53826	36.26	ng	#	81
45) 1,1'-Biphenyl	9.29	154	224933	38.13	ng		99
46) 2-Chloronaphthalene	9.31	162	168353	36.69	ng		98
47) 2-Nitroaniline	9.40	65	66817	40.00	ng		92
48) Acenaphthylene	9.72	152	296071	39.21	ng		99
49) Dimethylphthalate	9.58	163	283739	60.79	ng		99
50) 2,6-Dinitrotoluene	9.64	165	41336	42.35	ng		91
51) Acenaphthene	9.89	154	171041	37.68	ng		99
52) 3-Nitroaniline	9.80	138	34879	28.93	ng	#	65
53) 2,4-Dinitrophenol	9.92	184	9000	19.43	ng		93
54) Dibenzofuran	10.06	168	244817	40.45	ng		98
55) 4-Nitrophenol	9.96	139	60572	71.41	ng	#	86
56) 2,4-Dinitrotoluene	10.04	165	51555	41.83	ng		95
57) Fluorene	10.41	166	174902	37.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	40432m	37.95	ng		
59) Diethylphthalate	10.28	149	198987	43.06	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	77523	40.88	ng		98
61) 4-Nitroaniline	10.42	138	35870	33.33	ng		86
62) Azobenzene	10.56	77	202335	37.44	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	10079	15.65	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	138514	36.12	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	46571	42.04	ng		98
67) Hexachlorobenzene	10.96	284	43513	35.96	ng	#	59
68) Atrazine	11.05	200	44033	44.12	ng		98
69) Pentachlorophenol	11.14	266	43587	66.11	ng		99
70) Phenanthrene	11.36	178	233234	40.33	ng		100
71) Anthracene	11.41	178	241953	43.06	ng		99
72) Carbazole	11.56	167	201155	37.95	ng		100
73) Di-n-butylphthalate	11.90	149	278534	44.38	ng		99
74) Fluoranthene	12.54	202	267866	47.56	ng		99
76) Benzidine	12.67	184	160040	34.14	ng		99
77) Pyrene	12.77	202	274220	31.56	ng		99
79) Butylbenzylphthalate	13.40	149	107919	30.37	ng	#	67
80) Benzo(a)anthracene	13.96	228	265251	40.94	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	92664	38.50	ng	#	94
82) Chrysene	14.00	228	268337	40.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	165593	34.90	ng		97
84) Di-n-octyl phthalate	14.57	149	325154	40.78	ng		97
85) Indeno(1,2,3-cd)pyrene	16.75	276	292394	53.95	ng		100
87) Benzo(b)fluoranthene	14.98	252	328696m	35.63	ng		
88) Benzo(k)fluoranthene	15.00	252	280934m	39.56	ng		
89) Benzo(a)pyrene	15.32	252	299486	39.77	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	243123	37.16	ng		99
91) Benzo(g,h,i)perylene	17.16	276	233538	36.93	ng		95

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

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