Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080487.D
Acq On : 15 Jul 2015 12:31
Operator : TP/UM
Sample : G2973-09MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7D78MS

Quant Time: Jul 15 16:04:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	25029	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	103548	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	51770	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	113190	20.00	ng		0.00
75) Chrysene-d12	14.65	240	123781	20.00	ng		0.17
86) Perylene-d12	16.51	264	115872	20.00	ng		0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	130919	85.49	ng		0.00
7) Phenol-d6	6.76	99	176406	94.14	ng		-0.01
23) Nitrobenzene-d5	7.69	82	112400	59.42	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	44880	91.72	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	195150	51.65	ng		0.00
78) Terphenyl-d14	13.36	244	254498	49.56	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	15879	25.75	ng	#	92
3) Pyridine	3.84	79	33230	24.75	ng		98
4) n-Nitrosodimethylamine	3.66	42	25115	31.97	ng		96
6) Aniline	6.80	93	68022	25.01	ng		99
8) 2-Chlorophenol	6.92	128	51433	32.02	ng		94
9) Benzaldehyde	6.68	77	20374	17.80	ng		98
10) Phenol	6.78	94	70572	32.66	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	53904	32.82	ng		99
12) 1,3-Dichlorobenzene	7.07	146	56621	30.22	ng		97
13) 1,4-Dichlorobenzene	7.14	146	63052	30.96	ng		97
14) 1,2-Dichlorobenzene	7.30	146	60961	30.96	ng		100
15) Benzyl Alcohol	7.28	79	44133	32.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	90588	34.03	ng		83
17) 2-Methylphenol	7.39	107	42721	32.86	ng		94
18) Hexachloroethane	7.64	117	20648	30.77	ng		93
19) n-Nitroso-di-n-propylamine	7.53	70	39475	31.10	ng		97
20) 3+4-Methylphenols	7.54	107	62331	33.83	ng		89
22) Acetophenone	7.53	105	78103	32.15	ng	#	95
24) Nitrobenzene	7.71	77	63067	30.25	ng		96
25) Isophorone	7.94	82	117436	33.62	ng		96
26) 2-Nitrophenol	8.03	139	28240	31.22	ng		95
27) 2,4-Dimethylphenol	8.06	122	55779	33.62	ng		100
28) bis(2-Chloroethoxy)methane	8.14	93	64846	33.01	ng		98
29) 2,4-Dichlorophenol	8.27	162	48546	33.56	ng		91
30) 1,2,4-Trichlorobenzene	8.35	180	52635	29.25	ng		97
31) Naphthalene	8.43	128	165046	30.81	ng		99
32) Benzoic acid	8.16	122	23888	33.74	ng		95
33) 4-Chloroaniline	8.49	127	53391	25.04	ng		98
34) Hexachlorobutadiene	8.54	225	27434	30.09	ng		99
35) Caprolactam	8.83	113	12131	32.50	ng	#	58
36) 4-Chloro-3-methylphenol	8.97	107	49870	35.22	ng	#	74
37) 2-Methylnaphthalene	9.13	142	112976	30.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	48421	28.19	ng		98
40) Hexachlorocyclopentadiene	9.28	237	46368	56.51	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	31724	29.71	ng		97
43) 2,4,5-Trichlorophenol	9.46	196	33916	31.52	ng		96
45) 1,1'-Biphenyl	9.58	154	137918	30.95	ng		98
46) 2-Chloronaphthalene	9.62	162	110778	30.27	ng		97
47) 2-Nitroaniline	9.72	65	34398	32.58	ng		93
48) Acenaphthylene	10.03	152	169810	30.68	ng		100
49) Dimethylphthalate	9.88	163	178197	43.49	ng		99
50) 2,6-Dinitrotoluene	9.95	165	29286	33.20	ng		89
51) Acenaphthene	10.20	154	113374	33.68	ng		98
52) 3-Nitroaniline	10.13	138	26492	27.91	ng		94
53) 2,4-Dinitrophenol	10.24	184	20365	59.09	ng		89
54) Dibenzofuran	10.37	168	154107	32.45	ng		98
55) 4-Nitrophenol	10.30	139	43251	62.79	ng		85
56) 2,4-Dinitrotoluene	10.35	165	33830	33.86	ng	#	28
57) Fluorene	10.72	166	126110	33.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.50	232	30497	35.00	ng		97
59) Diethylphthalate	10.58	149	134409	33.15	ng		100
60) 4-Chlorophenyl-phenylether	10.70	204	58982	32.94	ng		98
61) 4-Nitroaniline	10.75	138	28798	33.43	ng		100
62) Azobenzene	10.86	77	135088	34.86	ng		99
64) 4,6-Dinitro-2-methylphenol	10.76	198	17203	31.75	ng		86
65) n-Nitrosodiphenylamine	10.83	169	107009	29.11	ng		99
66) 4-Bromophenyl-phenylether	11.20	248	33153	29.37	ng		96
67) Hexachlorobenzene	11.28	284	37143	30.24	ng		96
68) Atrazine	11.34	200	34817	32.51	ng		98
69) Pentachlorophenol	11.47	266	35435	62.62	ng		96
70) Phenanthrene	11.69	178	196915	29.93	ng		99
71) Anthracene	11.74	178	210176	33.98	ng		99
72) Carbazole	11.90	167	187159	33.40	ng		98
73) Di-n-butylphthalate	12.22	149	224853	37.82	ng	#	97
74) Fluoranthene	12.94	202	220923	34.05	ng		94
76) Benzidine	13.09	184	108941	29.70	ng		100
77) Pyrene	13.21	202	239782	32.90	ng		100
79) Butylbenzylphthalate	13.92	149	96664	36.32	ng		97
80) Benzo(a)anthracene	14.64	228	226953	31.46	ng		99
81) 3,3'-Dichlorobenzidine	14.59	252	64768	28.41	ng		99
82) Chrysene	14.68	228	212443	30.81	ng		98
83) Bis(2-ethylhexyl)phthalate	14.61	149	143292	37.06	ng		100
84) Di-n-octyl phthalate	15.44	149	238234	34.30	ng		98
85) Indeno(1,2,3-cd)pyrene	18.18	276	226637	24.06	ng		100
87) Benzo(b)fluoranthene	16.01	252	223971	33.83	ng		98
88) Benzo(k)fluoranthene	16.04	252	203020	31.75	ng	#	96
89) Benzo(a)pyrene	16.44	252	210421	32.28	ng	#	95
90) Dibenzo(a,h)anthracene	18.19	278	188623	25.51	ng		98
91) Benzo(g,h,i)perylene	18.68	276	190621	24.63	ng		97

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

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