Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080693.D
Acq On : 28 Jul 2015 2:30
Operator : TP/UM
Sample : G3084-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Manual Integrations APPROVED
apatel
7/29/2015 10:41:23 AM

Quant Time: Jul 28 09:38:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	31775	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	106689	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	41426	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	54259	20.00	ng		0.00
75) Chrysene-d12	14.21	240	21444	20.00	ng		-0.03
86) Perylene-d12	15.85	264	13813	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	254884	127.76	ng		0.01
7) Phenol-d6	6.53	99	294655	137.27	ng		0.00
23) Nitrobenzene-d5	7.48	82	201048	96.82	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	43907	121.10	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	308133	93.72	ng		0.00
78) Terphenyl-d14	13.06	244	123710	98.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	29960	35.59	ng		96
3) Pyridine	3.30	79	78777	37.04	ng		94
4) n-Nitrosodimethylamine	3.20	42	49288	36.48	ng		91
6) Aniline	6.58	93	49205	16.18	ng		97
8) 2-Chlorophenol	6.70	128	91755	46.36	ng		95
9) Benzaldehyde	6.46	77	23397	16.10	ng		99
10) Phenol	6.56	94	103331	42.53	ng		82
11) bis(2-Chloroethyl)ether	6.66	93	77118	44.07	ng	#	78
12) 1,3-Dichlorobenzene	6.86	146	104475	43.46	ng		99
13) 1,4-Dichlorobenzene	6.94	146	101961	43.31	ng		98
14) 1,2-Dichlorobenzene	7.09	146	97830	43.80	ng		97
15) Benzyl Alcohol	7.06	79	84902	48.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	156300	47.67	ng		97
17) 2-Methylphenol	7.17	107	63466	45.78	ng	#	85
18) Hexachloroethane	7.44	117	35102	44.69	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	58584	46.38	ng	#	78
20) 3+4-Methylphenols	7.32	107	93917	49.54	ng		94
22) Acetophenone	7.33	105	123513	44.95	ng		98
24) Nitrobenzene	7.50	77	90657	44.27	ng		99
25) Isophorone	7.74	82	154133	47.68	ng		100
26) 2-Nitrophenol	7.82	139	39469	47.77	ng		98
27) 2,4-Dimethylphenol	7.86	122	75520	47.39	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	89560	47.18	ng		99
29) 2,4-Dichlorophenol	8.06	162	60705	45.16	ng	#	83
30) 1,2,4-Trichlorobenzene	8.16	180	74977	43.83	ng		97
31) Naphthalene	8.24	128	236195	45.01	ng		100
33) 4-Chloroaniline	8.28	127	33409	17.68	ng		97
34) Hexachlorobutadiene	8.35	225	46636	43.68	ng		90
35) Caprolactam	8.60	113	14719	53.90	ng	#	79
36) 4-Chloro-3-methylphenol	8.75	107	63452	46.52	ng		97
37) 2-Methylnaphthalene	8.92	142	155157	46.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	64349	42.19	ng		98
40) Hexachlorocyclopentadiene	9.08	237	81472	83.71	ng		98
42) 2,4,6-Trichlorophenol	9.20	196	43380	43.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	38883	41.79	ng		98
45) 1,1'-Biphenyl	9.39	154	159827	45.93	ng		97
46) 2-Chloronaphthalene	9.41	162	126125	43.33	ng		97
47) 2-Nitroaniline	9.49	65	32196	47.00	ng		97
48) Acenaphthylene	9.82	152	197672	43.15	ng		99
49) Dimethylphthalate	9.68	163	186966	69.42	ng		99
50) 2,6-Dinitrotoluene	9.74	165	24696	46.32	ng	#	84
51) Acenaphthene	10.00	154	115144	42.74	ng		97
52) 3-Nitroaniline	9.90	138	17937	29.62	ng		97
53) 2,4-Dinitrophenol	10.01	184	5061	37.10	ng		94
54) Dibenzofuran	10.17	168	165693	44.81	ng		98
55) 4-Nitrophenol	10.05	139	31674	78.12	ng		88
56) 2,4-Dinitrotoluene	10.14	165	27884	45.88	ng		97
57) Fluorene	10.51	166	122100	43.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	26251	42.20	ng	#	87
59) Diethylphthalate	10.38	149	120056	46.93	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	52759	42.66	ng		97
61) 4-Nitroaniline	10.51	138	18822	36.45	ng		93
62) Azobenzene	10.66	77	106781	42.67	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	8418	41.47	ng		93
65) n-Nitrosodiphenylamine	10.62	169	87787	47.38	ng		96
66) 4-Bromophenyl-phenylether	11.00	248	27677	47.77	ng		96
67) Hexachlorobenzene	11.06	284	26634	39.07	ng		95
68) Atrazine	11.15	200	21379	59.49	ng		91
69) Pentachlorophenol	11.25	266	23169	86.33	ng		96
70) Phenanthrene	11.47	178	190605	61.55	ng		98
71) Anthracene	11.53	178	143960	47.81	ng		98
72) Carbazole	11.68	167	109083	43.37	ng		98
73) Di-n-butylphthalate	12.02	149	130339	50.85	ng		97
74) Fluoranthene	12.67	202	163731	67.41	ng		97
76) Benzidine	12.80	184	31725	53.69	ng		98
77) Pyrene	12.91	202	148760	82.86	ng		99
79) Butylbenzylphthalate	13.57	149	32255	62.00	ng		98
80) Benzo(a)anthracene	14.20	228	71925	57.90	ng		96
81) 3,3'-Dichlorobenzidine	14.16	252	13252	40.78	ng	#	87
82) Chrysene	14.24	228	68339	55.16	ng		97
83) Bis(2-ethylhexyl)phthalate	14.21	149	39733	62.33	ng	#	99
84) Di-n-octyl phthalate	14.95	149	48283	63.06	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.33	276	177653	340.02	ng		95
87) Benzo(b)fluoranthene	15.40	252	48038	47.76	ng	#	96
88) Benzo(k)fluoranthene	15.44	252	33975m	36.84	ng		
89) Benzo(a)pyrene	15.78	252	42314	55.06	ng		95
90) Dibenzo(a,h)anthracene	17.36	278	116074	219.66	ng		96
91) Benzo(g,h,i)perylene	17.78	276	210908	411.72	ng	#	97

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

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