Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080694.D
Acq On : 28 Jul 2015 2:59
Operator : TP/UM
Sample : G3084-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUMBO-EP-3MSD

Manual Integrations APPROVED
apatel
7/29/2015 10:41:28 AM

Quant Time: Jul 28 10:09:34 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	35375	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	118110	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	44814	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	54490	20.00	ng		0.00
75) Chrysene-d12	14.20	240	19712	20.00	ng		-0.05
86) Perylene-d12	15.85	264	21061	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	211223	95.10	ng		0.01
7) Phenol-d6	6.53	99	236557	98.99	ng		0.00
23) Nitrobenzene-d5	7.48	82	164428	71.53	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	32182	82.05	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	255650	71.88	ng		0.00
78) Terphenyl-d14	13.06	244	82852	72.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	27795	29.66	ng		95
3) Pyridine	3.31	79	69488	29.35	ng		95
4) n-Nitrosodimethylamine	3.21	42	40415	26.87	ng		90
6) Aniline	6.58	93	39545	11.68	ng		98
8) 2-Chlorophenol	6.70	128	75653	34.33	ng		98
9) Benzaldehyde	6.46	77	19648	12.15	ng		100
10) Phenol	6.56	94	82714	30.58	ng		81
11) bis(2-Chloroethyl)ether	6.65	93	67122	34.46	ng		99
12) 1,3-Dichlorobenzene	6.86	146	89186	33.32	ng		99
13) 1,4-Dichlorobenzene	6.94	146	85335	32.56	ng		98
14) 1,2-Dichlorobenzene	7.09	146	79794	32.09	ng		98
15) Benzyl Alcohol	7.06	79	68341	34.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	127500	34.93	ng		97
17) 2-Methylphenol	7.17	107	50101	32.46	ng	#	88
18) Hexachloroethane	7.44	117	29391	33.61	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	45589	32.42	ng	#	77
20) 3+4-Methylphenols	7.32	107	74047	35.09	ng		93
22) Acetophenone	7.33	105	100023	32.88	ng		98
24) Nitrobenzene	7.50	77	73661	32.49	ng		98
25) Isophorone	7.74	82	122783	34.31	ng		100
26) 2-Nitrophenol	7.82	139	33624	36.76	ng		99
27) 2,4-Dimethylphenol	7.86	122	62642	35.51	ng		93
28) bis(2-Chloroethoxy)methane	7.95	93	71636	34.09	ng		99
29) 2,4-Dichlorophenol	8.06	162	47021	31.60	ng	#	83
30) 1,2,4-Trichlorobenzene	8.16	180	59009	31.16	ng		99
31) Naphthalene	8.24	128	208936	35.97	ng		100
33) 4-Chloroaniline	8.28	127	27403	13.10	ng		96
34) Hexachlorobutadiene	8.35	225	37308	31.57	ng		96
35) Caprolactam	8.60	113	11458	37.90	ng	#	81
36) 4-Chloro-3-methylphenol	8.75	107	50838	33.67	ng		95
37) 2-Methylnaphthalene	8.92	142	134717	36.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	53166	32.23	ng		99
40) Hexachlorocyclopentadiene	9.08	237	61894	58.79	ng		100
42) 2,4,6-Trichlorophenol	9.20	196	34953	32.10	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	31980	31.77	ng		97
45) 1,1'-Biphenyl	9.39	154	133462	35.45	ng		98
46) 2-Chloronaphthalene	9.41	162	101959	32.38	ng		97
47) 2-Nitroaniline	9.49	65	25455	34.35	ng		97
48) Acenaphthylene	9.82	152	164829	33.26	ng		98
49) Dimethylphthalate	9.68	163	163558	56.14	ng		99
50) 2,6-Dinitrotoluene	9.74	165	19299	33.46	ng	#	86
51) Acenaphthene	10.00	154	102436	35.15	ng		97
52) 3-Nitroaniline	9.90	138	16079	24.55	ng		94
53) 2,4-Dinitrophenol	10.01	184	3850	26.09	ng	#	80
54) Dibenzofuran	10.17	168	144648	36.16	ng		95
55) 4-Nitrophenol	10.05	139	23543	53.68	ng		93
56) 2,4-Dinitrotoluene	10.14	165	22192	33.75	ng		94
57) Fluorene	10.51	166	105951	34.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	19103m	28.39	ng		
59) Diethylphthalate	10.38	149	102410	37.01	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	42793	31.98	ng		99
61) 4-Nitroaniline	10.51	138	15192	27.20	ng		95
62) Azobenzene	10.66	77	84187	31.10	ng		99
64) 4,6-Dinitro-2-methylphenol	10.54	198	5835	28.63	ng		86
65) n-Nitrosodiphenylamine	10.62	169	70007	37.62	ng		95
66) 4-Bromophenyl-phenylether	11.00	248	21389	36.76	ng		95
67) Hexachlorobenzene	11.06	284	20832	30.43	ng		97
68) Atrazine	11.15	200	16670	46.19	ng		90
69) Pentachlorophenol	11.25	266	15954	59.19	ng		94
70) Phenanthrene	11.47	178	211665	68.06	ng		99
71) Anthracene	11.53	178	121346	40.13	ng		98
72) Carbazole	11.68	167	81655	32.33	ng		97
73) Di-n-butylphthalate	12.02	149	94812	36.83	ng		99
74) Fluoranthene	12.67	202	142051	58.23	ng		96
76) Benzidine	12.80	184	28140	51.81	ng		99
77) Pyrene	12.91	202	120290	72.89	ng		99
79) Butylbenzylphthalate	13.57	149	21283	44.50	ng	#	78
80) Benzo(a)anthracene	14.19	228	58626	51.34	ng		95
81) 3,3'-Dichlorobenzidine	14.16	252	10397	34.80	ng		92
82) Chrysene	14.23	228	50464	44.31	ng		98
83) Bis(2-ethylhexyl)phthalate	14.20	149	28753	49.07	ng		98
84) Di-n-octyl phthalate	14.95	149	34526	49.05	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.35	276	230380	479.68	ng		94
87) Benzo(b)fluoranthene	15.41	252	45628m	29.75	ng		
88) Benzo(k)fluoranthene	15.44	252	34275m	24.37	ng		
89) Benzo(a)pyrene	15.79	252	54082	46.15	ng		96
90) Dibenzo(a,h)anthracene	17.37	278	145502	180.59	ng		97
91) Benzo(g,h,i)perylene	17.79	276	255066	326.56	ng		98

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

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