Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085783.D
Acq On : 26 Mar 2016 1:32
Operator : UM/SJ
Sample : H1834-08MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13MSD

Manual Integrations APPROVED
Sohil
3/28/2016 8:00:59 PM

Quant Time: Mar 26 03:30:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112785	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	422806	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	171016	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	264110	20.00	ng		0.00
75) Chrysene-d12	13.98	240	219676	20.00	ng		0.00
86) Perylene-d12	15.40	264	183879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	771575	113.93	ng		0.02
7) Phenol-d6	6.47	99	981838	114.03	ng		0.01
23) Nitrobenzene-d5	7.40	82	615499	81.98	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	161329	99.29	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	919850	89.87	ng		0.00
78) Terphenyl-d14	12.93	244	612162	57.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	107979	33.39	ng		99
3) Pyridine	3.17	79	266827	34.42	ng		100
4) n-Nitrosodimethylamine	3.11	42	130888	42.17	ng		96
6) Aniline	6.49	93	208168	17.96	ng		98
8) 2-Chlorophenol	6.61	128	286135	36.36	ng		88
9) Benzaldehyde	6.37	77	52532	10.13	ng		94
10) Phenol	6.48	94	422362	43.30	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	277623m	36.98	ng		
12) 1,3-Dichlorobenzene	6.77	146	323757m	38.21	ng		
13) 1,4-Dichlorobenzene	6.85	146	317281	36.92	ng		92
14) 1,2-Dichlorobenzene	7.00	146	305688	38.17	ng		98
15) Benzyl Alcohol	6.97	79	237658	41.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	368536	37.00	ng		96
17) 2-Methylphenol	7.09	107	245201	38.93	ng		100
18) Hexachloroethane	7.34	117	105672	33.58	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	207274	40.20	ng		98
20) 3+4-Methylphenols	7.25	107	303127	40.02	ng	#	78
22) Acetophenone	7.24	105	385178	39.10	ng		96
24) Nitrobenzene	7.41	77	291326	37.64	ng		96
25) Isophorone	7.65	82	550529	38.06	ng		98
26) 2-Nitrophenol	7.73	139	138921	35.88	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	286087	42.27	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	366225	44.44	ng		99
29) 2,4-Dichlorophenol	7.98	162	222764	39.15	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	247628	39.20	ng		93
31) Naphthalene	8.14	128	810388	38.04	ng		98
32) Benzoic acid	7.88	122	74105m	16.49	ng		
33) 4-Chloroaniline	8.18	127	73969	8.50	ng	#	95
34) Hexachlorobutadiene	8.25	225	130175	37.92	ng		99
35) Caprolactam	8.55	113	67812	33.65	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	246091	37.03	ng		98
37) 2-Methylnaphthalene	8.82	142	513887	40.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	211299	41.66	ng		98
40) Hexachlorocyclopentadiene	8.97	237	27893	20.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	145102	42.36	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	141871	39.50	ng		99
45) 1,1'-Biphenyl	9.29	154	596992	41.37	ng		94
46) 2-Chloronaphthalene	9.32	162	456581	43.03	ng		98
47) 2-Nitroaniline	9.41	65	125492	38.67	ng		86
48) Acenaphthylene	9.73	152	709141	41.01	ng		99
49) Dimethylphthalate	9.59	163	693111	53.42	ng		100
50) 2,6-Dinitrotoluene	9.66	165	115274	41.28	ng	#	63
51) Acenaphthene	9.90	154	419966	39.77	ng		100
52) 3-Nitroaniline	9.82	138	72625	22.72	ng		93
53) 2,4-Dinitrophenol	9.93	184	19791	19.01	ng		94
54) Dibenzofuran	10.07	168	580907	42.50	ng		98
55) 4-Nitrophenol	9.99	139	135714	65.17	ng		91
56) 2,4-Dinitrotoluene	10.06	165	136590	38.48	ng	#	68
57) Fluorene	10.41	166	441847	38.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	95725	38.34	ng		97
59) Diethylphthalate	10.29	149	511326	39.89	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	194395	34.99	ng		96
61) 4-Nitroaniline	10.44	138	107988	35.32	ng		98
62) Azobenzene	10.56	77	495709	40.24	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	20169	13.04	ng	#	66
65) n-Nitrosodiphenylamine	10.53	169	398302	47.61	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	121015	44.79	ng		99
67) Hexachlorobenzene	10.96	284	119950	42.45	ng	#	92
68) Atrazine	11.05	200	124755	44.17	ng		99
69) Pentachlorophenol	11.16	266	115625	83.35	ng		100
70) Phenanthrene	11.37	178	602387	44.42	ng		99
71) Anthracene	11.42	178	562900	39.54	ng		99
72) Carbazole	11.58	167	527290	44.12	ng		100
73) Di-n-butylphthalate	11.91	149	718081	43.78	ng		100
74) Fluoranthene	12.56	202	557301	38.66	ng		88
76) Benzidine	12.68	184	270277	34.94	ng		99
77) Pyrene	12.78	202	564765	31.28	ng		99
79) Butylbenzylphthalate	13.41	149	279288	36.93	ng		97
80) Benzo(a)anthracene	13.97	228	481390	38.43	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	126297	14.53	ng		99
82) Chrysene	14.00	228	438518	34.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	376703	41.60	ng		100
84) Di-n-octyl phthalate	14.57	149	677169	50.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	361405	37.09	ng		99
87) Benzo(b)fluoranthene	15.00	252	465943m	40.22	ng		
88) Benzo(k)fluoranthene	15.02	252	427024m	40.89	ng		
89) Benzo(a)pyrene	15.34	252	405665	39.44	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	313293	32.78	ng		97
91) Benzo(g,h,i)perylene	17.20	276	284270	29.38	ng		97

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

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