Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086262.D
Acq On : 16 Apr 2016 13:30
Operator : UM/SJ
Sample : H2471-06MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH4MSD

Manual Integrations APPROVED
Sohil
4/18/2016 7:33:44 PM

Quant Time: Apr 18 05:29:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279125	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1094452	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	504141	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	858280	20.00	ng		0.00
75) Chrysene-d12	14.05	240	466389	20.00	ng		0.00
86) Perylene-d12	15.48	264	472929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2111403	123.94	ng		0.02
7) Phenol-d6	6.52	99	2586519	121.38	ng		0.00
23) Nitrobenzene-d5	7.46	82	1681753	88.63	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	462283	114.19	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2409224	88.18	ng		0.00
78) Terphenyl-d14	13.00	244	1592622	85.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	344921	36.71	ng		97
3) Pyridine	3.31	79	1012392	41.32	ng		96
4) n-Nitrosodimethylamine	3.25	42	410736	46.41	ng	#	75
6) Aniline	6.56	93	687911	22.40	ng		98
8) 2-Chlorophenol	6.68	128	806125	41.83	ng		86
9) Benzaldehyde	6.44	77	278391	18.41	ng		92
10) Phenol	6.54	94	940467	37.06	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	884177	46.31	ng		92
12) 1,3-Dichlorobenzene	6.83	146	822269	40.21	ng		98
13) 1,4-Dichlorobenzene	6.91	146	784228	40.26	ng		99
14) 1,2-Dichlorobenzene	7.07	146	758786	43.89	ng		98
15) Benzyl Alcohol	7.04	79	664352	43.95	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1263214	42.47	ng		100
17) 2-Methylphenol	7.15	107	723251	45.04	ng		95
18) Hexachloroethane	7.41	117	314988	42.86	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	533159	39.10	ng	#	82
20) 3+4-Methylphenols	7.30	107	718609	39.95	ng		91
22) Acetophenone	7.31	105	980571	48.93	ng	#	95
24) Nitrobenzene	7.48	77	985998	47.52	ng		98
25) Isophorone	7.72	82	1684760	44.74	ng		99
26) 2-Nitrophenol	7.80	139	460830	50.94	ng	#	67
27) 2,4-Dimethylphenol	7.84	122	805662	44.10	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	1033998	46.71	ng		99
29) 2,4-Dichlorophenol	8.04	162	663893	47.80	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	637183	43.84	ng		98
31) Naphthalene	8.20	128	2110542	43.18	ng		100
32) Benzoic acid	7.88	122	40801	3.49	ng		97
33) 4-Chloroaniline	8.25	127	327444	14.99	ng		95
34) Hexachlorobutadiene	8.33	225	328617	45.13	ng		100
35) Caprolactam	8.61	113	253059m	50.33	ng		
36) 4-Chloro-3-methylphenol	8.73	107	766546	47.63	ng		93
37) 2-Methylnaphthalene	8.90	142	1507572	47.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	453081	42.01	ng		98
40) Hexachlorocyclopentadiene	9.05	237	480933	80.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	439041	44.21	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	432292	45.06	ng	#	86
45) 1,1'-Biphenyl	9.36	154	1503017	41.41	ng		100
46) 2-Chloronaphthalene	9.38	162	1253629	42.31	ng		99
47) 2-Nitroaniline	9.47	65	453567	47.25	ng		96
48) Acenaphthylene	9.80	152	2177425	46.18	ng		99
49) Dimethylphthalate	9.66	163	1843732	50.30	ng		100
50) 2,6-Dinitrotoluene	9.72	165	389428	48.01	ng		90
51) Acenaphthene	9.97	154	1339766	47.57	ng		99
52) 3-Nitroaniline	9.88	138	251901	25.56	ng		100
53) 2,4-Dinitrophenol	9.98	184	205399	69.03	ng		91
54) Dibenzofuran	10.14	168	1830182	49.20	ng		96
55) 4-Nitrophenol	10.04	139	568475	73.73	ng		93
56) 2,4-Dinitrotoluene	10.12	165	504635	48.60	ng	#	82
57) Fluorene	10.49	166	1236682	48.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	333251	47.83	ng		96
59) Diethylphthalate	10.36	149	1499003	39.62	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	497181	47.54	ng		98
61) 4-Nitroaniline	10.50	138	352614	41.39	ng		91
62) Azobenzene	10.64	77	1711480	46.23	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	194427	47.60	ng		98
65) n-Nitrosodiphenylamine	10.59	169	1206973	45.92	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	348073	43.51	ng		94
67) Hexachlorobenzene	11.02	284	363595	43.38	ng		94
68) Atrazine	11.13	200	402409	49.96	ng		96
69) Pentachlorophenol	11.22	266	382970	75.35	ng		98
70) Phenanthrene	11.45	178	1983231	48.38	ng		99
71) Anthracene	11.49	178	1713491	44.12	ng		100
72) Carbazole	11.64	167	1818815	46.65	ng		99
73) Di-n-butylphthalate	11.98	149	2208097	41.89	ng		100
74) Fluoranthene	12.62	202	1686458	48.19	ng		98
76) Benzidine	12.75	184	537562	29.71	ng		96
77) Pyrene	12.85	202	1668131	46.62	ng		99
79) Butylbenzylphthalate	13.48	149	915958	55.42	ng		96
80) Benzo(a)anthracene	14.04	228	1059847	41.40	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	183626	12.37	ng	#	96
82) Chrysene	14.08	228	1105571	40.50	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	885448	49.61	ng		99
84) Di-n-octyl phthalate	14.65	149	1668866	48.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1434479	63.93	ng		97
87) Benzo(b)fluoranthene	15.07	252	1117796m	38.31	ng		
88) Benzo(k)fluoranthene	15.11	252	1148852m	43.18	ng		
89) Benzo(a)pyrene	15.43	252	1116962	44.19	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	1160552	51.96	ng		98
91) Benzo(g,h,i)perylene	17.33	276	1260956	53.09	ng		97

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

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