Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087720.D
Acq On : 5 Jun 2016 21:22
Operator : UM/SJ
Sample : H3379-04MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2MSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:07 PM

Quant Time: Jun 06 04:23:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117579	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	486308	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	231825	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	416375	20.00	ng		0.00
75) Chrysene-d12	14.02	240	296256	20.00	ng		0.00
86) Perylene-d12	15.44	264	243310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1007884	138.55	ng		0.02
7) Phenol-d6	6.50	99	1213494	133.01	ng		0.01
23) Nitrobenzene-d5	7.43	82	718139	85.44	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	305521	131.29	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1295427	86.15	ng		0.00
78) Terphenyl-d14	12.97	244	1012395	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	126138	35.87	ng	#	32
3) Pyridine	3.27	79	379803	40.89	ng		98
4) n-Nitrosodimethylamine	3.22	42	170565	43.46	ng		96
6) Aniline	6.52	93	364813	28.21	ng		99
8) 2-Chlorophenol	6.65	128	410431	49.03	ng		87
9) Benzaldehyde	6.40	77	26342	4.27	ng		88
10) Phenol	6.51	94	544011	52.37	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	382220	50.64	ng		87
12) 1,3-Dichlorobenzene	6.80	146	376955	42.06	ng		99
13) 1,4-Dichlorobenzene	6.88	146	408572	45.43	ng		98
14) 1,2-Dichlorobenzene	7.03	146	358662m	42.54	ng		
15) Benzyl Alcohol	7.00	79	293602	43.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	486229	44.17	ng		97
17) 2-Methylphenol	7.12	107	310875	46.25	ng		99
18) Hexachloroethane	7.37	117	141356	44.95	ng	#	82
19) n-Nitroso-di-n-propylamine	7.29	70	267830	47.01	ng	#	85
20) 3+4-Methylphenols	7.28	107	394245	47.87	ng	#	77
22) Acetophenone	7.28	105	485395	44.07	ng	#	91
24) Nitrobenzene	7.45	77	433304	51.51	ng		97
25) Isophorone	7.69	82	714348	46.68	ng		99
26) 2-Nitrophenol	7.76	139	199402	51.01	ng		97
27) 2,4-Dimethylphenol	7.80	122	365511	45.12	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	456058	46.98	ng	#	96
29) 2,4-Dichlorophenol	8.00	162	323743	48.66	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	324827	46.62	ng		99
31) Naphthalene	8.17	128	1104097	46.70	ng		100
32) Benzoic acid	7.88	122	45498	9.31	ng		92
33) 4-Chloroaniline	8.22	127	237538	23.13	ng		97
34) Hexachlorobutadiene	8.30	225	167580	46.26	ng		98
35) Caprolactam	8.59	113	116325m	53.22	ng		
36) 4-Chloro-3-methylphenol	8.71	107	359798	52.28	ng		94
37) 2-Methylnaphthalene	8.87	142	718705	46.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	278076	43.52	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	285791	76.05	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	258016	53.47	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	214369	47.74	ng		97
45) 1,1'-Biphenyl	9.32	154	787352	41.85	ng		99
46) 2-Chloronaphthalene	9.35	162	643589	42.97	ng		100
47) 2-Nitroaniline	9.45	65	220995	52.41	ng	#	58
48) Acenaphthylene	9.77	152	1140751	48.84	ng		99
49) Dimethylphthalate	9.63	163	858241	50.92	ng		99
50) 2,6-Dinitrotoluene	9.69	165	180472	47.06	ng	#	71
51) Acenaphthene	9.94	154	702052	46.72	ng		100
52) 3-Nitroaniline	9.85	138	138053	31.48	ng		99
53) 2,4-Dinitrophenol	9.95	184	86018	50.91	ng	#	88
54) Dibenzofuran	10.11	168	1000864	48.92	ng		96
55) 4-Nitrophenol	10.02	139	335253	89.44	ng		87
56) 2,4-Dinitrotoluene	10.09	165	228247	46.74	ng	#	65
57) Fluorene	10.46	166	727702	45.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188657	48.77	ng	#	54
59) Diethylphthalate	10.33	149	708457	41.86	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	283836	46.92	ng		98
61) 4-Nitroaniline	10.48	138	200864	47.64	ng		88
62) Azobenzene	10.60	77	801986	47.07	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	106266	46.00	ng	#	51
65) n-Nitrosodiphenylamine	10.57	169	678089	49.72	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	208636	50.53	ng		97
67) Hexachlorobenzene	10.99	284	203961	44.18	ng		98
68) Atrazine	11.10	200	209040	51.75	ng		94
69) Pentachlorophenol	11.19	266	214023	78.02	ng		99
70) Phenanthrene	11.42	178	1036536	45.91	ng		99
71) Anthracene	11.46	178	981544	43.39	ng		100
72) Carbazole	11.61	167	992396	46.34	ng		99
73) Di-n-butylphthalate	11.95	149	1145026	49.88	ng		100
74) Fluoranthene	12.59	202	982384	44.22	ng		99
76) Benzidine	12.72	184	197095	16.87	ng		98
77) Pyrene	12.82	202	998691	47.34	ng		100
79) Butylbenzylphthalate	13.45	149	506008	56.36	ng		96
80) Benzo(a)anthracene	14.01	228	735897	43.04	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	179344	37.18	ng		100
82) Chrysene	14.05	228	740449	43.51	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	580380	54.32	ng	#	98
84) Di-n-octyl phthalate	14.62	149	965348	48.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	723163	51.41	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	762804m	48.19	ng		
88) Benzo(k)fluoranthene	15.06	252	592048m	44.96	ng		
89) Benzo(a)pyrene	15.38	252	654109	49.16	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	594550	52.51	ng		99
91) Benzo(g,h,i)perylene	17.27	276	601742	52.68	ng		95

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

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