Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087214.D
Acq On : 20 May 2016 6:09
Operator : UM/SJ
Sample : H3132-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-BWR-BB-R10-C51(0-15FT)MSD

Manual Integrations APPROVED
sohil
5/20/2016 7:14:25 PM

Quant Time: May 20 07:59:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	125663	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	489877	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	217631	20.00	ng		-0.05
63) Phenanthrene-d10	11.08	188	371049	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	219664	20.00	ng		-0.05
86) Perylene-d12	15.06	264	238490	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1040077	139.12	ng		-0.02
7) Phenol-d6	6.25	99	1282847	127.94	ng		-0.03
23) Nitrobenzene-d5	7.15	82	982803	99.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	350074	145.57	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	1352261	102.91	ng		-0.05
78) Terphenyl-d14	12.66	244	1071722	110.37	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	116385	30.26	ng	#	66
3) Pyridine	2.78	79	223034	23.97	ng	#	66
4) n-Nitrosodimethylamine	2.70	42	290641	44.09	ng	#	51
6) Aniline	6.25	93	178152	13.99	ng	#	1
8) 2-Chlorophenol	6.36	128	398013	43.76	ng		93
9) Benzaldehyde	6.12	77	50097	7.27	ng		98
10) Phenol	6.26	94	502330	39.85	ng		84
11) bis(2-Chloroethyl)ether	6.32	93	403412	42.62	ng		88
12) 1,3-Dichlorobenzene	6.50	146	372186m	38.49	ng		
13) 1,4-Dichlorobenzene	6.58	146	383081m	38.72	ng		
14) 1,2-Dichlorobenzene	6.74	146	354106	40.88	ng		98
15) Benzyl Alcohol	6.74	79	385931	51.70	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.87	45	789713	40.59	ng		56
17) 2-Methylphenol	6.87	107	329233	44.07	ng	#	79
18) Hexachloroethane	7.07	117	145406	38.45	ng		98
19) n-Nitroso-di-n-propylamine	7.00	70	317157	41.61	ng	#	67
20) 3+4-Methylphenols	7.03	107	447458	45.41	ng	#	60
22) Acetophenone	6.99	105	589267	49.15	ng	#	97
24) Nitrobenzene	7.16	77	449952	41.92	ng		93
25) Isophorone	7.40	82	851597	47.33	ng		97
26) 2-Nitrophenol	7.48	139	216166	48.62	ng	#	78
27) 2,4-Dimethylphenol	7.54	122	355899	46.91	ng	#	86
28) bis(2-Chloroethoxy)methane	7.62	93	482771	48.87	ng	#	98
29) 2,4-Dichlorophenol	7.74	162	363205	54.32	ng		96
30) 1,2,4-Trichlorobenzene	7.80	180	356885	48.11	ng		98
31) Naphthalene	7.87	128	1179322	49.27	ng		99
32) Benzoic acid	7.71	122	202744	44.83	ng	#	80
33) 4-Chloroaniline	7.95	127	92823	9.33	ng	#	91
34) Hexachlorobutadiene	8.00	225	205412	48.79	ng		98
35) Caprolactam	8.34	113	92667m	41.62	ng		
36) 4-Chloro-3-methylphenol	8.46	107	385641	47.82	ng		90
37) 2-Methylnaphthalene	8.57	142	758675	49.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	320870	50.48	ng		99
40) Hexachlorocyclopentadiene	8.72	237	107081	47.19	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	219444	53.23	ng		92
43) 2,4,5-Trichlorophenol	8.91	196	227537	53.13	ng	#	86
45) 1,1'-Biphenyl	9.04	154	992248	54.99	ng		99
46) 2-Chloronaphthalene	9.06	162	726209	52.42	ng		98
47) 2-Nitroaniline	9.18	65	294153	55.41	ng		95
48) Acenaphthylene	9.46	152	1053606	49.81	ng		99
49) Dimethylphthalate	9.35	163	859050	51.74	ng		100
50) 2,6-Dinitrotoluene	9.42	165	195947	54.36	ng	#	88
51) Acenaphthene	9.63	154	655329	49.59	ng		98
52) 3-Nitroaniline	9.59	138	95004	24.35	ng		97
53) 2,4-Dinitrophenol	9.70	184	140161	68.58	ng	#	86
54) Dibenzofuran	9.82	168	979116	57.29	ng		98
55) 4-Nitrophenol	9.78	139	152176m	62.34	ng		
56) 2,4-Dinitrotoluene	9.83	165	239382	51.85	ng	#	65
57) Fluorene	10.15	166	690861	50.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	181420	54.39	ng		97
59) Diethylphthalate	10.04	149	820230	51.75	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	332340	51.06	ng		97
61) 4-Nitroaniline	10.20	138	174961	45.41	ng	#	79
62) Azobenzene	10.31	77	1004701	55.01	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	91244	37.34	ng	#	8
65) n-Nitrosodiphenylamine	10.27	169	641501	54.94	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	209008	54.78	ng	#	75
67) Hexachlorobenzene	10.70	284	223728	50.57	ng	#	78
68) Atrazine	10.81	200	187069	49.11	ng		96
69) Pentachlorophenol	10.90	266	190889	114.86	ng		98
70) Phenanthrene	11.11	178	1064599	52.90	ng		100
71) Anthracene	11.15	178	1011683	49.70	ng		100
72) Carbazole	11.32	167	921011	49.53	ng		99
73) Di-n-butylphthalate	11.66	149	1216195	56.95	ng	#	99
74) Fluoranthene	12.29	202	886013	43.94	ng		97
76) Benzidine	12.42	184	50409	7.10	ng		97
77) Pyrene	12.51	202	924715	58.27	ng		100
79) Butylbenzylphthalate	13.14	149	446494	66.65	ng	#	85
80) Benzo(a)anthracene	13.70	228	699213	55.05	ng		98
81) 3,3'-Dichlorobenzidine	13.67	252	138987	17.20	ng	#	97
82) Chrysene	13.74	228	756107	61.53	ng		100
83) Bis(2-ethylhexyl)phthalate	13.70	149	548590	67.29	ng		97
84) Di-n-octyl phthalate	14.31	149	875302	62.32	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.30	276	646775	59.96	ng		95
87) Benzo(b)fluoranthene	14.70	252	712847m	45.06	ng		
88) Benzo(k)fluoranthene	14.72	252	702781m	59.66	ng		
89) Benzo(a)pyrene	15.01	252	668631	50.56	ng	#	96
90) Dibenzo(a,h)anthracene	16.30	278	561842	50.46	ng		96
91) Benzo(g,h,i)perylene	16.66	276	527204	46.88	ng	#	89

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

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