Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087213.D
Acq On : 20 May 2016 5:40
Operator : UM/SJ
Sample : H3132-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
5/20/2016 7:14:17 PM

Quant Time: May 20 07:58:44 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	131294	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	525014	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	238869	20.00	ng		-0.05
63) Phenanthrene-d10	11.08	188	407067	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	238908	20.00	ng		-0.05
86) Perylene-d12	15.06	264	250052	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1023316	131.01	ng		-0.02
7) Phenol-d6	6.25	99	1342360	128.13	ng		-0.03
23) Nitrobenzene-d5	7.15	82	1012224	96.09	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	359589	136.23	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	1360595	94.33	ng		-0.05
78) Terphenyl-d14	12.66	244	1077044	101.98	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	132761	33.04	ng	#	64
3) Pyridine	2.79	79	255588	26.30	ng	#	67
4) n-Nitrosodimethylamine	2.71	42	314913	45.72	ng	#	48
6) Aniline	6.25	93	105726	7.94	ng	#	1
8) 2-Chlorophenol	6.36	128	429033	45.14	ng		93
9) Benzaldehyde	6.12	77	54203	7.55	ng		94
10) Phenol	6.26	94	548311	41.63	ng		83
11) bis(2-Chloroethyl)ether	6.32	93	431617	43.65	ng		87
12) 1,3-Dichlorobenzene	6.50	146	407075m	40.30	ng		
13) 1,4-Dichlorobenzene	6.58	146	414539m	40.10	ng		
14) 1,2-Dichlorobenzene	6.74	146	391151	43.22	ng		98
15) Benzyl Alcohol	6.74	79	377225	48.37	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.87	45	838572	41.25	ng		57
17) 2-Methylphenol	6.87	107	348568	44.66	ng	#	78
18) Hexachloroethane	7.07	117	159135	40.27	ng		98
19) n-Nitroso-di-n-propylamine	7.00	70	328267	41.22	ng	#	66
20) 3+4-Methylphenols	7.03	107	475720	46.21	ng	#	60
22) Acetophenone	6.99	105	627757	48.86	ng	#	97
24) Nitrobenzene	7.16	77	469810	40.85	ng		94
25) Isophorone	7.42	82	903519	46.85	ng	#	94
26) 2-Nitrophenol	7.48	139	230489	48.37	ng	#	78
27) 2,4-Dimethylphenol	7.54	122	371898	45.74	ng		87
28) bis(2-Chloroethoxy)methane	7.62	93	498246	47.06	ng		98
29) 2,4-Dichlorophenol	7.74	162	374353	52.24	ng		95
30) 1,2,4-Trichlorobenzene	7.80	180	379259	47.70	ng		99
31) Naphthalene	7.87	128	1224401	47.73	ng		98
32) Benzoic acid	7.72	122	236857	48.87	ng		93
33) 4-Chloroaniline	7.96	127	69126	6.48	ng	#	89
34) Hexachlorobutadiene	8.00	225	220243	48.81	ng		97
35) Caprolactam	8.34	113	100741m	42.22	ng		
36) 4-Chloro-3-methylphenol	8.46	107	382717	44.28	ng		89
37) 2-Methylnaphthalene	8.57	142	807154	49.19	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	344222	49.34	ng		99
40) Hexachlorocyclopentadiene	8.72	237	117470	47.17	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	235421	52.03	ng		92
43) 2,4,5-Trichlorophenol	8.91	196	234293	49.85	ng	#	85
45) 1,1'-Biphenyl	9.04	154	1025315	51.77	ng		99
46) 2-Chloronaphthalene	9.06	162	767647	50.48	ng		99
47) 2-Nitroaniline	9.18	65	311504	53.46	ng		89
48) Acenaphthylene	9.47	152	1103527	47.53	ng		99
49) Dimethylphthalate	9.35	163	901564	49.48	ng		100
50) 2,6-Dinitrotoluene	9.42	165	197086	49.81	ng	#	86
51) Acenaphthene	9.63	154	681501	46.98	ng		98
52) 3-Nitroaniline	9.59	138	62771	14.66	ng		94
53) 2,4-Dinitrophenol	9.70	184	141245	63.35	ng	#	83
54) Dibenzofuran	9.82	168	1036201	55.24	ng		100
55) 4-Nitrophenol	9.78	139	164681m	61.81	ng		
56) 2,4-Dinitrotoluene	9.83	165	250524	49.44	ng	#	68
57) Fluorene	10.15	166	719704	47.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	195294	53.35	ng		98
59) Diethylphthalate	10.04	149	845092	48.58	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	355273	49.73	ng		95
61) 4-Nitroaniline	10.20	138	156716	37.06	ng	#	78
62) Azobenzene	10.31	77	1015942	50.68	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	93185	34.76	ng	#	23
65) n-Nitrosodiphenylamine	10.27	169	601772	46.98	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	211511	50.53	ng	#	75
67) Hexachlorobenzene	10.70	284	232299	47.86	ng	#	78
68) Atrazine	10.81	200	164077	39.26	ng		93
69) Pentachlorophenol	10.90	266	193910	106.36	ng		96
70) Phenanthrene	11.11	178	1114817	50.49	ng		100
71) Anthracene	11.15	178	1051108	47.07	ng		100
72) Carbazole	11.32	167	887658	43.52	ng		99
73) Di-n-butylphthalate	11.66	149	1232074	52.58	ng	#	99
74) Fluoranthene	12.28	202	904738	40.90	ng		97
76) Benzidine	12.43	184	28507	4.11	ng		99
77) Pyrene	12.51	202	969270	56.16	ng		100
79) Butylbenzylphthalate	13.14	149	462246	63.44	ng	#	82
80) Benzo(a)anthracene	13.70	228	716393	51.86	ng		98
81) 3,3'-Dichlorobenzidine	13.67	252	54859	6.24	ng	#	96
82) Chrysene	13.74	228	759572	56.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.70	149	563373	63.53	ng		97
84) Di-n-octyl phthalate	14.31	149	927620	60.73	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	669462	57.07	ng		95
87) Benzo(b)fluoranthene	14.70	252	726414m	43.79	ng		
88) Benzo(k)fluoranthene	14.72	252	725850m	58.77	ng		
89) Benzo(a)pyrene	15.01	252	699651	50.46	ng		96
90) Dibenzo(a,h)anthracene	16.30	278	573682	49.14	ng		96
91) Benzo(g,h,i)perylene	16.66	276	549425	46.59	ng	#	89

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

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