Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087727.D
Acq On : 6 Jun 2016 00:52
Operator : UM/SJ
Sample : H3378-03MSD
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7MSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:11 PM

Quant Time: Jun 06 04:40:17 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	114972	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	482921	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	228174	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	409081	20.00	ng		0.00
75) Chrysene-d12	14.02	240	263331	20.00	ng		0.00
86) Perylene-d12	15.44	264	234712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1072475	150.77	ng		0.02
7) Phenol-d6	6.50	99	1296087	145.29	ng		0.01
23) Nitrobenzene-d5	7.43	82	811057	97.17	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	323599	141.28	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1500038	113.11	ng		0.00
78) Terphenyl-d14	12.97	244	1085526	100.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	127752	37.16	ng	#	32
3) Pyridine	3.27	79	382233	42.08	ng		94
4) n-Nitrosodimethylamine	3.22	42	170874	44.53	ng		98
6) Aniline	6.52	93	396357	31.35	ng		98
8) 2-Chlorophenol	6.65	128	405926	49.59	ng		88
9) Benzaldehyde	6.40	77	26744	4.43	ng		86
10) Phenol	6.51	94	549197	54.07	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	374785	50.78	ng		89
12) 1,3-Dichlorobenzene	6.80	146	373859	42.66	ng		100
13) 1,4-Dichlorobenzene	6.88	146	395592	44.99	ng		99
14) 1,2-Dichlorobenzene	7.04	146	357654	43.38	ng		99
15) Benzyl Alcohol	7.00	79	296875	45.04	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	487182	45.26	ng		96
17) 2-Methylphenol	7.12	107	314352	47.83	ng		99
18) Hexachloroethane	7.37	117	141939	46.16	ng	#	82
19) n-Nitroso-di-n-propylamine	7.29	70	276677	49.66	ng	#	87
20) 3+4-Methylphenols	7.28	107	401135	49.82	ng	#	78
22) Acetophenone	7.28	105	494979	45.25	ng	#	90
24) Nitrobenzene	7.45	77	442541	52.98	ng		96
25) Isophorone	7.69	82	724978	47.71	ng		100
26) 2-Nitrophenol	7.76	139	201610	51.94	ng		97
27) 2,4-Dimethylphenol	7.80	122	368045	45.75	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	454693	47.17	ng	#	96
29) 2,4-Dichlorophenol	8.00	162	333315	50.45	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	334612	48.37	ng		99
31) Naphthalene	8.17	128	1111137	47.32	ng		100
32) Benzoic acid	7.88	122	55072	11.35	ng		99
33) 4-Chloroaniline	8.22	127	266452	26.12	ng		98
34) Hexachlorobutadiene	8.30	225	168182	46.76	ng		99
35) Caprolactam	8.60	113	119192m	54.92	ng		
36) 4-Chloro-3-methylphenol	8.71	107	376351	55.07	ng		96
37) 2-Methylnaphthalene	8.86	142	734576	47.38	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288592	45.89	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	289651	78.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260662	54.89	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	224902	50.89	ng		97
45) 1,1'-Biphenyl	9.32	154	790730	42.70	ng		99
46) 2-Chloronaphthalene	9.35	162	660421	44.80	ng		100
47) 2-Nitroaniline	9.45	65	233287	56.21	ng	#	65
48) Acenaphthylene	9.77	152	1165933	50.72	ng		99
49) Dimethylphthalate	9.63	163	826030	49.80	ng		99
50) 2,6-Dinitrotoluene	9.69	165	183697	48.67	ng	#	70
51) Acenaphthene	9.94	154	718205	48.56	ng		99
52) 3-Nitroaniline	9.86	138	152747	35.38	ng	#	68
53) 2,4-Dinitrophenol	9.95	184	82189	49.54	ng	#	81
54) Dibenzofuran	10.11	168	1034116	51.35	ng		95
55) 4-Nitrophenol	10.02	139	324217	87.87	ng		90
56) 2,4-Dinitrotoluene	10.09	165	224725	46.76	ng	#	64
57) Fluorene	10.46	166	742778	47.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	192460	50.55	ng	#	53
59) Diethylphthalate	10.33	149	761104	45.69	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	287982	49.61	ng		98
61) 4-Nitroaniline	10.48	138	210560	50.74	ng		94
62) Azobenzene	10.60	77	815558	48.64	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	111536	49.01	ng	#	57
65) n-Nitrosodiphenylamine	10.57	169	715318	53.39	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	215596	53.15	ng		96
67) Hexachlorobenzene	10.99	284	211733	46.68	ng		97
68) Atrazine	11.10	200	207641	52.32	ng		95
69) Pentachlorophenol	11.19	266	217693	80.77	ng		98
70) Phenanthrene	11.42	178	1072909	48.37	ng		99
71) Anthracene	11.46	178	991901	44.63	ng		99
72) Carbazole	11.61	167	1021830	48.57	ng		100
73) Di-n-butylphthalate	11.95	149	1173529	52.03	ng		100
74) Fluoranthene	12.59	202	975647	44.70	ng		99
76) Benzidine	12.72	184	324150	31.22	ng		98
77) Pyrene	12.82	202	1017931	54.29	ng		100
79) Butylbenzylphthalate	13.45	149	515633	64.61	ng		94
80) Benzo(a)anthracene	14.01	228	761838	50.13	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	183262	42.74	ng		99
82) Chrysene	14.05	228	772142	51.05	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	589459	62.07	ng	#	98
84) Di-n-octyl phthalate	14.62	149	972404	55.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	749761	59.97	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	770342	50.45	ng		98
88) Benzo(k)fluoranthene	15.06	252	607471m	47.82	ng		
89) Benzo(a)pyrene	15.38	252	672261	52.38	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	623961	57.13	ng		96
91) Benzo(g,h,i)perylene	17.27	276	629596	57.13	ng		97

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

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