Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085562.D
Acq On : 19 Mar 2016 8:54
Operator : UM/SJ
Sample : H1804-05MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8CMS

Manual Integrations APPROVED
apatel
3/21/2016 5:08:11 PM

Quant Time: Mar 21 11:33:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132160	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	529154	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	243323	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	448539	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	352162	20.00	ng		0.00
86) Perylene-d12	15.43	264	249090	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1055765	134.18	ng		0.01
7) Phenol-d6	6.49	99	1518152	150.44	ng		0.00
23) Nitrobenzene-d5	7.42	82	961344	105.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	361279	151.58	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1576599	124.99	ng		0.00
78) Terphenyl-d14	12.96	244	1394020	95.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	150691	39.40	ng		99
3) Pyridine	3.26	79	383706	40.85	ng		99
4) n-Nitrosodimethylamine	3.21	42	184955	47.17	ng		94
6) Aniline	6.56	93	357607m	26.38	ng		
8) 2-Chlorophenol	6.64	128	426428	46.85	ng		96
9) Benzaldehyde	6.40	77	83206	14.36	ng		93
10) Phenol	6.52	94	474121	41.25	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	434246m	50.11	ng		
12) 1,3-Dichlorobenzene	6.79	146	440329m	44.39	ng		
13) 1,4-Dichlorobenzene	6.87	146	442729	43.76	ng		98
14) 1,2-Dichlorobenzene	7.03	146	429511	47.81	ng		98
15) Benzyl Alcohol	7.00	79	353006	51.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	527675	46.31	ng		97
17) 2-Methylphenol	7.11	107	373296	49.47	ng		99
18) Hexachloroethane	7.36	117	166966	45.70	ng	#	79
19) n-Nitroso-di-n-propylamine	7.28	70	312434	51.83	ng		98
20) 3+4-Methylphenols	7.27	107	400482	45.83	ng		94
22) Acetophenone	7.27	105	539566	42.97	ng	#	98
24) Nitrobenzene	7.44	77	451852	45.28	ng		96
25) Isophorone	7.68	82	863865	47.33	ng		97
26) 2-Nitrophenol	7.76	139	262449	53.22	ng		93
27) 2,4-Dimethylphenol	7.80	122	384876	44.13	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	547273	52.72	ng		99
29) 2,4-Dichlorophenol	8.00	162	367836	51.08	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	367616	45.57	ng		97
31) Naphthalene	8.16	128	1172587	43.90	ng		100
32) Benzoic acid	7.86	122	33948	4.66	ng		97
33) 4-Chloroaniline	8.22	127	146728	13.40	ng		99
34) Hexachlorobutadiene	8.28	225	192409	44.75	ng		98
35) Caprolactam	8.60	113	123836m	49.97	ng		
36) 4-Chloro-3-methylphenol	8.70	107	395712	47.05	ng		99
37) 2-Methylnaphthalene	8.86	142	857662	52.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	307596	41.67	ng		98
40) Hexachlorocyclopentadiene	9.01	237	347270	104.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	251372	49.75	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	261007	50.76	ng	#	92
45) 1,1'-Biphenyl	9.32	154	879720	41.91	ng		98
46) 2-Chloronaphthalene	9.34	162	726743	47.40	ng		92
47) 2-Nitroaniline	9.44	65	256518	55.30	ng		98
48) Acenaphthylene	9.76	152	1242382	50.07	ng		99
49) Dimethylphthalate	9.62	163	977414	53.23	ng		100
50) 2,6-Dinitrotoluene	9.68	165	179451	46.29	ng		97
51) Acenaphthene	9.93	154	814623	52.32	ng		99
52) 3-Nitroaniline	9.85	138	157473	32.44	ng		85
53) 2,4-Dinitrophenol	9.96	184	144067	60.67	ng		97
54) Dibenzofuran	10.10	168	1058185	55.80	ng		99
55) 4-Nitrophenol	10.02	139	382366	101.91	ng		92
56) 2,4-Dinitrotoluene	10.09	165	284873	56.13	ng		94
57) Fluorene	10.45	166	798495	50.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	200498	54.16	ng		98
59) Diethylphthalate	10.32	149	819032	44.87	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	370913	48.06	ng		93
61) 4-Nitroaniline	10.47	138	216356	45.21	ng		95
62) Azobenzene	10.60	77	916655	52.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	134118	46.73	ng		99
65) n-Nitrosodiphenylamine	10.56	169	719309	51.48	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	243215	54.28	ng		91
67) Hexachlorobenzene	11.00	284	255905	53.76	ng	#	89
68) Atrazine	11.09	200	255266	60.01	ng		99
69) Pentachlorophenol	11.19	266	288472	99.81	ng		98
70) Phenanthrene	11.41	178	1249519	52.83	ng		99
71) Anthracene	11.45	178	1078385	43.49	ng		100
72) Carbazole	11.61	167	1150272	53.77	ng		99
73) Di-n-butylphthalate	11.94	149	1403846	52.40	ng		99
74) Fluoranthene	12.58	202	1104961	44.62	ng		97
76) Benzidine	12.71	184	423388	35.75	ng		99
77) Pyrene	12.81	202	1110394	43.91	ng		98
79) Butylbenzylphthalate	13.43	149	525896	43.63	ng	#	73
80) Benzo(a)anthracene	14.00	228	952626	46.60	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	205537	27.43	ng	#	96
82) Chrysene	14.04	228	769489	39.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	650868	43.47	ng	#	98
84) Di-n-octyl phthalate	14.61	149	1152786	47.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	740837	45.08	ng		99
87) Benzo(b)fluoranthene	15.03	252	806259	49.61	ng		98
88) Benzo(k)fluoranthene	15.05	252	729767m	54.50	ng		
89) Benzo(a)pyrene	15.39	252	723664	52.52	ng	#	95
90) Dibenzo(a,h)anthracene	16.85	278	614843	53.50	ng		97
91) Benzo(g,h,i)perylene	17.26	276	611915	55.01	ng		97

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

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