Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085597.D
Acq On : 20 Mar 2016 4:48
Operator : UM/SJ
Sample : H1790-05MS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Manual Integrations APPROVED
apatel
3/21/2016 5:09:59 PM

Quant Time: Mar 21 04:40:51 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	126016	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	492041	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	212182	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	344423	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	236359	20.00	ng		0.00
86) Perylene-d12	15.44	264	237405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	970324	129.33	ng		0.02
7) Phenol-d6	6.49	99	1075356	111.76	ng		0.00
23) Nitrobenzene-d5	7.42	82	763093	90.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	285061	137.15	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1291366	113.05	ng		-0.01
78) Terphenyl-d14	12.96	244	980561	99.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	130879	35.89	ng	#	87
3) Pyridine	3.33	79	289579	32.34	ng		99
4) n-Nitrosodimethylamine	3.26	42	152900	40.90	ng		98
6) Aniline	6.52	93	191793	14.84	ng	#	80
8) 2-Chlorophenol	6.64	128	386018	44.48	ng		98
9) Benzaldehyde	6.40	77	52623	8.72	ng		98
10) Phenol	6.50	94	370341	33.79	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	371801	45.00	ng		99
12) 1,3-Dichlorobenzene	6.79	146	368895m	39.00	ng		
13) 1,4-Dichlorobenzene	6.87	146	377473	39.13	ng		98
14) 1,2-Dichlorobenzene	7.03	146	349152	40.76	ng		97
15) Benzyl Alcohol	7.00	79	292873	44.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	434373	39.98	ng		97
17) 2-Methylphenol	7.11	107	305852	42.51	ng		99
18) Hexachloroethane	7.36	117	136898	39.30	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	229267	39.89	ng		92
20) 3+4-Methylphenols	7.27	107	354690	42.57	ng		95
22) Acetophenone	7.27	105	480887	41.18	ng	#	95
24) Nitrobenzene	7.44	77	422344	45.52	ng		93
25) Isophorone	7.68	82	742225	43.73	ng		95
26) 2-Nitrophenol	7.76	139	201352	43.91	ng	#	89
27) 2,4-Dimethylphenol	7.80	122	334377	41.23	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	433621	44.92	ng		99
29) 2,4-Dichlorophenol	8.00	162	310343	46.34	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	312763	41.70	ng		97
31) Naphthalene	8.16	128	1122402	45.19	ng		100
32) Benzoic acid	7.92	122	201557	29.73	ng		97
33) 4-Chloroaniline	8.21	127	73230	7.19	ng	#	94
34) Hexachlorobutadiene	8.28	225	160823	40.23	ng		98
35) Caprolactam	8.58	113	89489m	38.84	ng		
36) 4-Chloro-3-methylphenol	8.70	107	330103	42.21	ng		98
37) 2-Methylnaphthalene	8.85	142	717222	47.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	268969	41.79	ng		98
40) Hexachlorocyclopentadiene	9.01	237	148498	51.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	205973	46.75	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	214505	47.84	ng	#	92
45) 1,1'-Biphenyl	9.32	154	738473	40.34	ng		99
46) 2-Chloronaphthalene	9.34	162	574380	42.96	ng	#	92
47) 2-Nitroaniline	9.44	65	210342	52.00	ng		88
48) Acenaphthylene	9.76	152	1012381	46.79	ng		99
49) Dimethylphthalate	9.62	163	787137	49.16	ng		100
50) 2,6-Dinitrotoluene	9.68	165	156817	46.39	ng		92
51) Acenaphthene	9.93	154	640917	47.20	ng		100
52) 3-Nitroaniline	9.84	138	80870	19.10	ng		84
53) 2,4-Dinitrophenol	9.96	184	67136	32.42	ng		91
54) Dibenzofuran	10.10	168	887556	53.68	ng		97
55) 4-Nitrophenol	10.01	139	204391	62.47	ng		91
56) 2,4-Dinitrotoluene	10.08	165	196881	44.49	ng	#	50
57) Fluorene	10.45	166	643528	46.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	154301	47.79	ng		99
59) Diethylphthalate	10.32	149	764648	48.03	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	315911	46.94	ng		91
61) 4-Nitroaniline	10.46	138	143357	34.35	ng		89
62) Azobenzene	10.60	77	767509	50.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	55429	25.15	ng		80
65) n-Nitrosodiphenylamine	10.55	169	544678	50.77	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	184184	53.53	ng	#	89
67) Hexachlorobenzene	11.00	284	184843	50.57	ng	#	86
68) Atrazine	11.09	200	191323	58.57	ng		95
69) Pentachlorophenol	11.19	266	176992	79.75	ng		99
70) Phenanthrene	11.41	178	890039	49.01	ng		99
71) Anthracene	11.45	178	858964	45.11	ng		99
72) Carbazole	11.61	167	781697	47.58	ng		98
73) Di-n-butylphthalate	11.95	149	1062861	51.67	ng		98
74) Fluoranthene	12.59	202	715087	37.61	ng		97
76) Benzidine	12.71	184	242899	30.56	ng		98
77) Pyrene	12.81	202	714981	42.13	ng		99
79) Butylbenzylphthalate	13.43	149	338174	41.80	ng	#	73
80) Benzo(a)anthracene	14.00	228	656171	47.82	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	112280	22.33	ng	#	97
82) Chrysene	14.04	228	511651	38.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	453043	45.08	ng	#	98
84) Di-n-octyl phthalate	14.61	149	827064	50.50	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	629350	57.05	ng		99
87) Benzo(b)fluoranthene	15.03	252	648981	41.90	ng		98
88) Benzo(k)fluoranthene	15.05	252	633144m	49.61	ng		
89) Benzo(a)pyrene	15.39	252	637932	48.58	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	549370	50.16	ng		97
91) Benzo(g,h,i)perylene	17.26	276	488921	46.12	ng		98

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

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