Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085815.D
Acq On : 28 Mar 2016 21:42
Operator : UM/SJ
Sample : H1937-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:21 PM

Quant Time: Mar 29 01:38:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	104807m	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	439016	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	191631	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	345259	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	216292	20.00	ng		0.00
86) Perylene-d12	15.40	264	178529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1070736	170.14	ng		0.02
7) Phenol-d6	6.46	99	1344571	168.04	ng		0.00
23) Nitrobenzene-d5	7.38	82	783788	100.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	313553	172.21	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1296750	113.06	ng		-0.01
78) Terphenyl-d14	12.93	244	1131170	107.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	131028	43.60	ng		99
3) Pyridine	3.16	79	343444	47.67	ng		100
4) n-Nitrosodimethylamine	3.11	42	168286	58.35	ng		98
6) Aniline	6.48	93	378054m	35.10	ng		
8) 2-Chlorophenol	6.61	128	404782	55.36	ng		97
9) Benzaldehyde	6.37	77	50959	10.57	ng		96
10) Phenol	6.48	94	444792	49.07	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	386656	55.43	ng		97
12) 1,3-Dichlorobenzene	6.76	146	399843m	50.78	ng		
13) 1,4-Dichlorobenzene	6.84	146	421956m	52.84	ng		
14) 1,2-Dichlorobenzene	6.98	146	361557	48.58	ng		94
15) Benzyl Alcohol	6.96	79	297646	55.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	442040	47.76	ng		93
17) 2-Methylphenol	7.09	107	334591	57.16	ng		99
18) Hexachloroethane	7.33	117	152302m	52.09	ng		
19) n-Nitroso-di-n-propylamine	7.24	70	248988	51.97	ng		92
20) 3+4-Methylphenols	7.24	107	362714	51.54	ng		95
22) Acetophenone	7.24	105	497083	48.60	ng	#	97
24) Nitrobenzene	7.41	77	428910	53.37	ng		95
25) Isophorone	7.65	82	771820	51.39	ng		97
26) 2-Nitrophenol	7.73	139	226193	56.26	ng		91
27) 2,4-Dimethylphenol	7.76	122	354525	50.45	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	460046	53.76	ng		98
29) 2,4-Dichlorophenol	7.97	162	322863	54.65	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	338516	51.61	ng		97
31) Naphthalene	8.13	128	1126092	50.91	ng		100
32) Benzoic acid	7.84	122	20315	4.35	ng		97
33) 4-Chloroaniline	8.18	127	183543	20.32	ng		98
34) Hexachlorobutadiene	8.24	225	171726	48.17	ng		98
35) Caprolactam	8.56	113	106143m	50.72	ng		
36) 4-Chloro-3-methylphenol	8.68	107	373522	54.13	ng		96
37) 2-Methylnaphthalene	8.81	142	732170	62.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	283010	49.80	ng		99
40) Hexachlorocyclopentadiene	8.97	237	210485	87.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	203771	53.09	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	214957	53.41	ng	#	80
45) 1,1'-Biphenyl	9.28	154	782235	48.37	ng		98
46) 2-Chloronaphthalene	9.30	162	615382	51.76	ng	#	90
47) 2-Nitroaniline	9.41	65	202069	55.57	ng		97
48) Acenaphthylene	9.73	152	1031546	53.24	ng		99
49) Dimethylphthalate	9.59	163	949497	65.31	ng		100
50) 2,6-Dinitrotoluene	9.65	165	166185	53.10	ng		91
51) Acenaphthene	9.90	154	622064	52.56	ng		99
52) 3-Nitroaniline	9.82	138	122843	34.29	ng		98
53) 2,4-Dinitrophenol	9.93	184	59369	40.75	ng	#	73
54) Dibenzofuran	10.07	168	912182	59.55	ng		96
55) 4-Nitrophenol	9.99	139	230309	98.69	ng		91
56) 2,4-Dinitrotoluene	10.06	165	224416	56.42	ng	#	69
57) Fluorene	10.41	166	686162	53.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	161365	57.68	ng		98
59) Diethylphthalate	10.29	149	750131	52.22	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	338233	54.33	ng		90
61) 4-Nitroaniline	10.44	138	165544	48.32	ng		91
62) Azobenzene	10.56	77	834069	60.42	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	100960	49.93	ng	#	62
65) n-Nitrosodiphenylamine	10.53	169	626463	57.29	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	201766	57.12	ng	#	88
67) Hexachlorobenzene	10.96	284	210243	56.91	ng	#	88
68) Atrazine	11.05	200	214149	58.00	ng		99
69) Pentachlorophenol	11.16	266	224361	123.72	ng		100
70) Phenanthrene	11.37	178	1034495	58.35	ng		99
71) Anthracene	11.42	178	961033	51.64	ng		100
72) Carbazole	11.58	167	965895	61.82	ng		99
73) Di-n-butylphthalate	11.91	149	1193507	55.66	ng		99
74) Fluoranthene	12.55	202	876615	46.52	ng		98
76) Benzidine	12.68	184	393909	51.71	ng		98
77) Pyrene	12.78	202	870280	48.95	ng		99
79) Butylbenzylphthalate	13.40	149	407951	54.79	ng	#	76
80) Benzo(a)anthracene	13.97	228	690557	55.99	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	144721	16.91	ng	#	96
82) Chrysene	14.00	228	521302	41.96	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516833	57.97	ng	#	98
84) Di-n-octyl phthalate	14.56	149	754597	56.92	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	693449	72.29	ng		99
87) Benzo(b)fluoranthene	14.99	252	657618m	58.47	ng		
88) Benzo(k)fluoranthene	15.02	252	434427m	42.85	ng		
89) Benzo(a)pyrene	15.34	252	555137	55.59	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	578143	62.31	ng		97
91) Benzo(g,h,i)perylene	17.20	276	589827	62.78	ng		94

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

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