Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086342.D
Acq On : 21 Apr 2016 7:11
Operator : UM/SJ
Sample : H2617-05MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-931WB(N)(19)MS

Manual Integrations APPROVED
sohil
4/21/2016 7:12:13 PM

Quant Time: Apr 21 08:32:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	210366	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	789325	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	285480	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	487603	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	334591	20.00	ng		-0.02
86) Perylene-d12	15.46	264	253447	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1650365	136.88	ng		0.01
7) Phenol-d6	6.51	99	1830297	116.00	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1228203	89.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	343705	154.47	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1781227	134.88	ng		-0.03
78) Terphenyl-d14	12.98	244	1396897	99.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	257094	39.36	ng	#	84
3) Pyridine	3.36	79	614620	36.75	ng		94
4) n-Nitrosodimethylamine	3.28	42	281778	48.91	ng	#	74
6) Aniline	6.53	93	284432	13.40	ng	#	63
8) 2-Chlorophenol	6.66	128	617142	43.09	ng		87
9) Benzaldehyde	6.42	77	131808	11.79	ng		99
10) Phenol	6.52	94	676562	37.42	ng		92
11) bis(2-Chloroethyl)ether	6.61	93	713045	45.15	ng		95
12) 1,3-Dichlorobenzene	6.81	146	602106	38.32	ng		99
13) 1,4-Dichlorobenzene	6.89	146	653663	38.93	ng		98
14) 1,2-Dichlorobenzene	7.04	146	560636m	37.64	ng		
15) Benzyl Alcohol	7.01	79	454388	46.35	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	900998	40.54	ng		92
17) 2-Methylphenol	7.13	107	512219	42.79	ng		98
18) Hexachloroethane	7.38	117	109881	21.96	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	404516	42.32	ng	#	85
20) 3+4-Methylphenols	7.29	107	583133	44.91	ng	#	83
22) Acetophenone	7.28	105	823776	49.68	ng	#	93
24) Nitrobenzene	7.46	77	663188	44.98	ng		93
25) Isophorone	7.70	82	1244902	47.67	ng		95
26) 2-Nitrophenol	7.77	139	215253	32.64	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	556156	43.00	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	773762	50.67	ng		99
29) 2,4-Dichlorophenol	8.02	162	486796	47.72	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	498675	45.32	ng		99
31) Naphthalene	8.18	128	1762011	46.83	ng		98
32) Benzoic acid	7.94	122	325834	42.39	ng		91
33) 4-Chloroaniline	8.22	127	180460	11.59	ng		95
34) Hexachlorobutadiene	8.29	225	236087	42.57	ng		97
35) Caprolactam	8.59	113	133570	40.44	ng	#	62
36) 4-Chloro-3-methylphenol	8.72	107	496816	43.32	ng		98
37) 2-Methylnaphthalene	8.86	142	996221	42.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	408085	53.70	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	23614	14.27	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273809	51.94	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	289081	50.35	ng		95
45) 1,1'-Biphenyl	9.33	154	1169207	52.15	ng		98
46) 2-Chloronaphthalene	9.36	162	872365	51.35	ng		98
47) 2-Nitroaniline	9.46	65	324721	56.24	ng	#	64
48) Acenaphthylene	9.77	152	1324434	49.92	ng		99
49) Dimethylphthalate	9.63	163	1076264	49.52	ng		99
50) 2,6-Dinitrotoluene	9.70	165	181712	40.63	ng	#	84
51) Acenaphthene	9.94	154	753049	48.38	ng		99
52) 3-Nitroaniline	9.86	138	256147	45.03	ng		99
53) 2,4-Dinitrophenol	9.97	184	3888	10.46	ng	#	1
54) Dibenzofuran	10.11	168	1140386	53.89	ng		92
55) 4-Nitrophenol	10.03	139	283916	80.50	ng		82
56) 2,4-Dinitrotoluene	10.10	165	198756	35.76	ng	#	90
57) Fluorene	10.45	166	768131	48.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	220315	57.19	ng	#	88
59) Diethylphthalate	10.33	149	1038283	48.96	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	376918	51.90	ng		92
61) 4-Nitroaniline	10.48	138	300672	56.47	ng		89
62) Azobenzene	10.61	77	1044293	49.95	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	3464	8.03	ng	#	53
65) n-Nitrosodiphenylamine	10.57	169	747604	46.54	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	223149	42.59	ng	#	92
67) Hexachlorobenzene	11.00	284	231944	44.11	ng		98
68) Atrazine	11.09	200	176649	35.78	ng		98
69) Pentachlorophenol	11.20	266	254574	92.42	ng		96
70) Phenanthrene	11.41	178	1128612	48.84	ng		99
71) Anthracene	11.47	178	1271523	51.38	ng		98
72) Carbazole	11.63	167	1214193	51.85	ng		96
73) Di-n-butylphthalate	11.95	149	1452683	48.18	ng		99
74) Fluoranthene	12.60	202	1202944	56.15	ng		99
76) Benzidine	12.73	184	800529	54.20	ng		95
77) Pyrene	12.83	202	1218904	49.11	ng		99
79) Butylbenzylphthalate	13.45	149	637271	48.64	ng	#	80
80) Benzo(a)anthracene	14.02	228	900392	51.09	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	321205	26.35	ng	#	97
82) Chrysene	14.05	228	817209	42.90	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	787439	51.32	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1501844	54.31	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	729779	37.25	ng		97
87) Benzo(b)fluoranthene	15.05	252	719260m	49.07	ng		
88) Benzo(k)fluoranthene	15.07	252	724691m	58.72	ng		
89) Benzo(a)pyrene	15.40	252	677190	50.12	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	619679	52.54	ng		99
91) Benzo(g,h,i)perylene	17.29	276	596121	52.72	ng		97

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

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