Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089201.D
Acq On : 22 Jul 2016 19:13
Operator : UM/SJ
Sample : PB92343BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Manual Integrations APPROVED
sohil
7/25/2016 6:41:28 PM

Quant Time: Jul 25 10:58:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48572	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	204387	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	97766	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	188157	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	134951	20.00	ng		-0.01
86) Perylene-d12	15.05	264	104946	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	414283	129.72	ng		-0.01
7) Phenol-d6	6.25	99	532215	129.23	ng		-0.02
23) Nitrobenzene-d5	7.15	82	334039	86.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	123196	139.96	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	616790	86.92	ng		-0.02
78) Terphenyl-d14	12.67	244	582715	93.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	43399	31.30	ng	#	87
3) Pyridine	2.70	79	110813	31.46	ng		98
4) n-Nitrosodimethylamine	2.67	42	52137	35.16	ng		99
6) Aniline	6.25	93	147646	26.53	ng	#	64
8) 2-Chlorophenol	6.36	128	150075	42.35	ng	#	81
9) Benzaldehyde	6.12	77	31024	11.96	ng		97
10) Phenol	6.26	94	196094	41.33	ng		97
11) bis(2-Chloroethyl)ether	6.33	93	154612	43.39	ng		95
12) 1,3-Dichlorobenzene	6.52	146	139188m	35.57	ng		
13) 1,4-Dichlorobenzene	6.59	146	152751	38.76	ng		99
14) 1,2-Dichlorobenzene	6.75	146	153218	41.23	ng		98
15) Benzyl Alcohol	6.74	79	131437	43.58	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	167929	41.36	ng	#	56
17) 2-Methylphenol	6.87	107	118986	42.62	ng		98
18) Hexachloroethane	7.08	117	58885	39.75	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	111863	41.53	ng		99
20) 3+4-Methylphenols	7.03	107	158431	41.80	ng		94
22) Acetophenone	7.00	105	224434	41.12	ng	#	99
24) Nitrobenzene	7.18	77	164603	40.57	ng		98
25) Isophorone	7.42	82	304232	42.91	ng		99
26) 2-Nitrophenol	7.50	139	79244	41.88	ng	#	77
27) 2,4-Dimethylphenol	7.54	122	130143	40.82	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	189864	42.82	ng		99
29) 2,4-Dichlorophenol	7.74	162	124332	43.28	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	132410	41.63	ng		97
31) Naphthalene	7.88	128	409714m	37.14	ng		
32) Benzoic acid	7.70	122	87070	35.51	ng		94
33) 4-Chloroaniline	7.95	127	106932	23.05	ng		96
34) Hexachlorobutadiene	8.01	225	67427	38.09	ng		99
35) Caprolactam	8.33	113	36691m	41.12	ng		
36) 4-Chloro-3-methylphenol	8.46	107	147670	42.66	ng	#	87
37) 2-Methylnaphthalene	8.58	142	297480	42.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	122998	33.85	ng		99
40) Hexachlorocyclopentadiene	8.73	237	102005	83.44	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	83858	41.23	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	97503	47.76	ng	#	91
45) 1,1'-Biphenyl	9.05	154	362563	41.18	ng		95
46) 2-Chloronaphthalene	9.06	162	274861	41.08	ng		99
47) 2-Nitroaniline	9.18	65	94813	41.31	ng	#	79
48) Acenaphthylene	9.47	152	435112	41.37	ng		100
49) Dimethylphthalate	9.36	163	328132	43.74	ng		98
50) 2,6-Dinitrotoluene	9.42	165	72263	42.66	ng	#	67
51) Acenaphthene	9.64	154	248799	39.98	ng		99
52) 3-Nitroaniline	9.59	138	54730	27.21	ng		83
53) 2,4-Dinitrophenol	9.70	184	67624	78.47	ng		91
54) Dibenzofuran	9.83	168	386765	46.00	ng		94
55) 4-Nitrophenol	9.78	139	82937	68.15	ng		93
56) 2,4-Dinitrotoluene	9.83	165	101233	46.40	ng	#	76
57) Fluorene	10.16	166	296603	41.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	70122	47.82	ng		98
59) Diethylphthalate	10.06	149	353076	47.46	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	144343	44.30	ng	#	80
61) 4-Nitroaniline	10.20	138	80901	41.34	ng		97
62) Azobenzene	10.32	77	394389	48.78	ng		92
64) 4,6-Dinitro-2-methylphenol	10.23	198	47814	43.65	ng	#	27
65) n-Nitrosodiphenylamine	10.28	169	287597	45.73	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	82812	44.47	ng	#	80
67) Hexachlorobenzene	10.71	284	89338	44.61	ng	#	83
68) Atrazine	10.82	200	84959	43.20	ng		94
69) Pentachlorophenol	10.90	266	83818	90.72	ng		97
70) Phenanthrene	11.12	178	447138	43.32	ng		99
71) Anthracene	11.16	178	480174	44.76	ng		99
72) Carbazole	11.32	167	426393	45.25	ng		99
73) Di-n-butylphthalate	11.67	149	563644	48.36	ng		99
74) Fluoranthene	12.30	202	477889	44.05	ng		92
76) Benzidine	12.42	184	175964	37.93	ng		98
77) Pyrene	12.51	202	450206	40.40	ng		99
79) Butylbenzylphthalate	13.15	149	228906	48.55	ng	#	81
80) Benzo(a)anthracene	13.70	228	364020	42.35	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	86218	30.24	ng	#	98
82) Chrysene	13.74	228	355826	43.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	305020	48.78	ng	#	97
84) Di-n-octyl phthalate	14.32	149	469328	45.49	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	264617	44.38	ng		99
87) Benzo(b)fluoranthene	14.70	252	307723m	40.48	ng		
88) Benzo(k)fluoranthene	14.72	252	271854m	50.01	ng		
89) Benzo(a)pyrene	15.01	252	277262	46.99	ng	#	94
90) Dibenzo(a,h)anthracene	16.29	278	218898	46.98	ng	#	95
91) Benzo(g,h,i)perylene	16.64	276	213885	45.53	ng		98

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

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