Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098076.D
Acq On : 28 Aug 2017 19:55
Operator : SJ/JU
Sample : PB101859BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101859BS

Quant Time: Aug 29 08:50:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103688	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	413641	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	183549	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	372903	20.00	ng		0.00
75) Chrysene-d12	13.90	240	350515	20.00	ng		0.00
86) Perylene-d12	15.32	264	326859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	587564	86.19	ng		0.00
7) Phenol-d6	6.38	99	784492	84.70	ng		0.00
23) Nitrobenzene-d5	7.31	82	693564	91.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	147011	92.31	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1028709	82.34	ng		0.00
78) Terphenyl-d14	12.84	244	991627	59.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	132921	34.964	ng		88
3) Pyridine	3.16	79	382213	36.368	ng	#	85
4) n-Nitrosodimethylamine	3.12	42	147125	36.382	ng	#	78
6) Aniline	6.40	93	283119	21.759	ng		97
8) 2-Chlorophenol	6.53	128	292518	40.690	ng		99
9) Benzaldehyde	6.29	77	125180	21.338	ng		87
10) Phenol	6.39	94	422051	38.962	ng		98
11) bis(2-Chloroethyl)ether	6.48	93	310416	37.967	ng		96
12) 1,3-Dichlorobenzene	6.68	146	287918	37.233	ng	#	92
13) 1,4-Dichlorobenzene	6.76	146	292508	37.193	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	271144	37.390	ng		98
15) Benzyl Alcohol	6.89	79	284835	41.076	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	401447	36.494	ng		91
17) 2-Methylphenol	7.00	107	259373	40.941	ng		95
18) Hexachloroethane	7.25	117	116349	37.734	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	224245	35.368	ng		90
20) 3+4-Methylphenols	7.16	107	311512	40.258	ng		94
22) Acetophenone	7.15	105	418503	38.298	ng	#	90
24) Nitrobenzene	7.33	77	362144	42.716	ng		95
25) Isophorone	7.57	82	626698	39.582	ng		97
26) 2-Nitrophenol	7.65	139	145169	47.344	ng	#	85
27) 2,4-Dimethylphenol	7.69	122	261774	39.644	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	393968	37.849	ng		99
29) 2,4-Dichlorophenol	7.89	162	226170	41.263	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	228474	37.601	ng		100
31) Naphthalene	8.05	128	815858	37.993	ng		99
32) Benzoic acid	7.81	122	145390	32.592	ng		87
33) 4-Chloroaniline	8.10	127	144955	16.006	ng		97
34) Hexachlorobutadiene	8.16	225	131048	36.938	ng		99
35) Caprolactam	8.47	113	84524m	45.360	ng		
36) 4-Chloro-3-methylphenol	8.59	107	278805	39.590	ng	#	79
37) 2-Methylnaphthalene	8.74	142	532499	40.446	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	209828	37.249	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	228886	84.579	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	151234	39.989	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	161031	42.920	ng		97
45) 1,1'-Biphenyl	9.20	154	619291	36.999	ng		96
46) 2-Chloronaphthalene	9.23	162	459049	37.118	ng	#	93
47) 2-Nitroaniline	9.32	65	187057	45.117	ng		93
48) Acenaphthylene	9.64	152	771152	39.707	ng		100
49) Dimethylphthalate	9.50	163	536906	40.017	ng		100
50) 2,6-Dinitrotoluene	9.57	165	117404	43.838	ng	#	66
51) Acenaphthene	9.81	154	446882	36.484	ng		100
52) 3-Nitroaniline	9.73	138	83235	24.089	ng		90
53) 2,4-Dinitrophenol	9.85	184	109297	85.059	ng	#	77
54) Dibenzofuran	9.99	168	670523	40.846	ng		99
55) 4-Nitrophenol	9.90	139	226208	82.068	ng	#	39
56) 2,4-Dinitrotoluene	9.97	165	158182	47.064	ng	#	59
57) Fluorene	10.33	166	508683	40.079	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	132313	45.549	ng		94
59) Diethylphthalate	10.20	149	551498	39.307	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	231129	39.199	ng	#	84
61) 4-Nitroaniline	10.35	138	143722	43.764	ng	#	75
62) Azobenzene	10.48	77	676514	40.592	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	75767	43.964	ng	#	83
65) n-Nitrosodiphenylamine	10.44	169	467560	36.820	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	142965	36.919	ng		92
67) Hexachlorobenzene	10.87	284	140918	35.703	ng	#	89
68) Atrazine	10.97	200	143104	42.494	ng		97
69) Pentachlorophenol	11.07	266	159784	69.432	ng		100
70) Phenanthrene	11.29	178	769357	38.718	ng		100
71) Anthracene	11.34	178	796358	39.513	ng		99
72) Carbazole	11.49	167	787517	41.165	ng		99
73) Di-n-butylphthalate	11.83	149	895427	40.635	ng		99
74) Fluoranthene	12.47	202	874139	42.146	ng		98
76) Benzidine	12.59	184	304281m	26.476	ng		
77) Pyrene	12.70	202	921496	32.144	ng		99
79) Butylbenzylphthalate	13.32	149	421616	38.359	ng	#	72
80) Benzo(a)anthracene	13.89	228	764588	36.395	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	181735	25.637	ng	#	96
82) Chrysene	13.93	228	768544	36.776	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	498162	40.901	ng		99
84) Di-n-octyl phthalate	14.49	149	978272	46.162	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	753389	49.006	ng		94
87) Benzo(b)fluoranthene	14.92	252	793231	38.501	ng		99
88) Benzo(k)fluoranthene	14.94	252	707638	36.558	ng	#	93
89) Benzo(a)pyrene	15.26	252	739086	40.522	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	612108	41.223	ng		98
91) Benzo(g,h,i)perylene	17.13	276	642114	41.444	ng		93

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

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