Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098065.D
Acq On : 28 Aug 2017 13:35
Operator : SJ/JU
Sample : I4961-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-COMPMS

Quant Time: Aug 29 08:06:58 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	6.75	152	102863	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	413311	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	181317	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	329446	20.00	ng		0.00
75) Chrysene-d12	13.90	240	204542	20.00	ng		0.00
86) Perylene-d12	15.32	264	208390	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	892155	131.93	ng		0.00
7) Phenol-d6	6.39	99	1232030	134.09	ng		0.00
23) Nitrobenzene-d5	7.31	82	768580	101.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	211409	134.38	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1092320	88.51	ng		0.00
78) Terphenyl-d14	12.85	244	768482	78.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	140416	37.232	ng		89
3) Pyridine	3.18	79	336554	32.280	ng		87
4) n-Nitrosodimethylamine	3.13	42	164411	40.983	ng		80
6) Aniline	6.41	93	308504	23.901	ng		98
8) 2-Chlorophenol	6.53	128	313358	43.938	ng		99
9) Benzaldehyde	6.29	77	163692	28.126	ng		89
10) Phenol	6.40	94	460248	42.829	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	353472	43.580	ng		95
12) 1,3-Dichlorobenzene	6.69	146	314616	41.012	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	315498	40.438	ng		94
14) 1,2-Dichlorobenzene	6.92	146	297144	41.304	ng		100
15) Benzyl Alcohol	6.89	79	311020	45.212	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	444614	40.742	ng		88
17) 2-Methylphenol	7.01	107	278165	44.260	ng		95
18) Hexachloroethane	7.26	117	126986	41.514	ng	#	84
19) n-Nitroso-di-n-propylamine	7.16	70	248430	39.497	ng		90
20) 3+4-Methylphenols	7.16	107	341491	44.487	ng		92
22) Acetophenone	7.16	105	457201	41.873	ng	#	90
24) Nitrobenzene	7.33	77	402574	47.523	ng		96
25) Isophorone	7.57	82	689686	43.595	ng		97
26) 2-Nitrophenol	7.65	139	158147	51.143	ng	#	79
27) 2,4-Dimethylphenol	7.69	122	279566	42.372	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	436716	41.989	ng		98
29) 2,4-Dichlorophenol	7.89	162	243923	44.537	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	247971	40.842	ng		98
31) Naphthalene	8.05	128	904722	42.164	ng		99
32) Benzoic acid	7.76	122	9662	8.146	ng		97
33) 4-Chloroaniline	8.10	127	177389	19.603	ng		99
34) Hexachlorobutadiene	8.17	225	141074	39.796	ng		98
35) Caprolactam	8.47	113	73423m	39.434	ng		
36) 4-Chloro-3-methylphenol	8.59	107	296391	42.120	ng	#	81
37) 2-Methylnaphthalene	8.74	142	580296	44.112	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	230519	41.426	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	197165	73.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	162507	43.499 ng		98
43) 2,4,5-Trichlorophenol	9.06	196	168671	45.509 ng		95
45) 1,1'-Biphenyl	9.20	154	665796	40.267 ng		96
46) 2-Chloronaphthalene	9.23	162	499944	40.922 ng		94
47) 2-Nitroaniline	9.33	65	201093	49.100 ng		95
48) Acenaphthylene	9.65	152	806348	42.030 ng		99
49) Dimethylphthalate	9.51	163	682699	51.510 ng		99
50) 2,6-Dinitrotoluene	9.57	165	125448	47.418 ng	#	73
51) Acenaphthene	9.82	154	476168	39.354 ng		99
52) 3-Nitroaniline	9.74	138	112083	32.837 ng		91
53) 2,4-Dinitrophenol	9.85	184	40713	38.392 ng	#	71
54) Dibenzofuran	9.99	168	711661	43.886 ng		98
55) 4-Nitrophenol	9.91	139	212996	78.226 ng	#	43
56) 2,4-Dinitrotoluene	9.97	165	161288	48.579 ng	#	47
57) Fluorene	10.33	166	539567	43.036 ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	132865	46.302 ng		93
59) Diethylphthalate	10.21	149	583833	42.124 ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	243734	41.846 ng		89
61) 4-Nitroaniline	10.35	138	131633	40.576 ng	#	72
62) Azobenzene	10.48	77	709634	43.103 ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	46547	33.106 ng	#	75
65) n-Nitrosodiphenylamine	10.45	169	479522	42.743 ng		100
66) 4-Bromophenyl-phenylether	10.81	248	149548	43.714 ng		100
67) Hexachlorobenzene	10.88	284	142850	40.967 ng	#	94
68) Atrazine	10.97	200	138701	46.619 ng		98
69) Pentachlorophenol	11.07	266	138296	68.022 ng		98
70) Phenanthrene	11.29	178	825140	47.002 ng		99
71) Anthracene	11.34	178	776724	43.622 ng		100
72) Carbazole	11.50	167	697036	41.241 ng		98
73) Di-n-butylphthalate	11.83	149	838401	43.065 ng		99
74) Fluoranthene	12.47	202	859810	46.924 ng		99
76) Benzidine	12.60	184	90104	13.435 ng	#	91
77) Pyrene	12.70	202	988168	59.069 ng		98
79) Butylbenzylphthalate	13.32	149	291473	45.443 ng	#	69
80) Benzo(a)anthracene	13.89	228	616146	50.261 ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	143855	34.775 ng	#	96
82) Chrysene	13.93	228	618334	50.704 ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	358607	50.455 ng		99
84) Di-n-octyl phthalate	14.49	149	566319	45.794 ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	533341	59.452 ng		93
87) Benzo(b)fluoranthene	14.92	252	650306	49.508 ng		98
88) Benzo(k)fluoranthene	14.94	252	496892m	40.264 ng		
89) Benzo(a)pyrene	15.27	252	605547	52.074 ng		99
90) Dibenzo(a,h)anthracene	16.73	278	402555	42.522 ng		97
91) Benzo(g,h,i)perylene	17.13	276	438252	44.366 ng	#	92

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

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