Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089134.D
Acq On : 20 Jul 2016 14:31
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jul 20 16:24:13 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 15:28:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49983	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	208043	20.00	ng		0.01
38) Acenaphthene-d10	9.63	164	98903	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	191681	20.00	ng		0.00
75) Chrysene-d12	13.74	240	120553	20.00	ng		0.01
86) Perylene-d12	15.07	264	112859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	398003	119.86	ng		0.01
7) Phenol-d6	6.27	99	485891	112.84	ng		0.00
23) Nitrobenzene-d5	7.19	82	490252	123.47	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	110426	122.28	ng		0.01
44) 2-Fluorobiphenyl	8.97	172	765039	116.45	ng		0.00
78) Terphenyl-d14	12.70	244	778975	145.06	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	85381	52.49	ng		98
3) Pyridine	2.67	79	223983	48.07	ng		99
4) n-Nitrosodimethylamine	2.65	42	96866	53.84	ng		95
6) Aniline	6.27	93	334734	54.31	ng		93
8) 2-Chlorophenol	6.40	128	221086	61.30	ng		96
9) Benzaldehyde	6.15	77	115401	40.58	ng		94
10) Phenol	6.28	94	281322	57.28	ng	#	74
11) bis(2-Chloroethyl)ether	6.35	93	205739	55.58	ng		92
12) 1,3-Dichlorobenzene	6.55	146	239205m	60.36	ng		
13) 1,4-Dichlorobenzene	6.63	146	235820m	59.98	ng		
14) 1,2-Dichlorobenzene	6.78	146	224720	59.98	ng		96
15) Benzyl Alcohol	6.76	79	177203	56.09	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	244658	47.55	ng	#	68
17) 2-Methylphenol	6.89	107	169636	58.26	ng		97
18) Hexachloroethane	7.12	117	89190	59.12	ng	#	70
19) n-Nitroso-di-n-propylamine	7.04	70	160709	54.62	ng	#	90
20) 3+4-Methylphenols	7.05	107	222799	61.84	ng		94
22) Acetophenone	7.03	105	320535	62.29	ng	#	96
24) Nitrobenzene	7.20	77	225282	55.42	ng	#	88
25) Isophorone	7.45	82	431393	58.62	ng		98
26) 2-Nitrophenol	7.52	139	121661	72.13	ng	#	75
27) 2,4-Dimethylphenol	7.58	122	199058	59.28	ng		93
28) bis(2-Chloroethoxy)methane	7.66	93	252255	52.11	ng		99
29) 2,4-Dichlorophenol	7.77	162	173429	61.85	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	200877	65.63	ng		98
31) Naphthalene	7.92	128	653027	63.50	ng		99
32) Benzoic acid	7.75	122	154904	61.90	ng		96
33) 4-Chloroaniline	7.98	127	291123	63.47	ng	#	95
34) Hexachlorobutadiene	8.03	225	103958	62.98	ng		99
35) Caprolactam	8.38	113	58542	63.02	ng		95
36) 4-Chloro-3-methylphenol	8.48	107	224556	68.14	ng		94
37) 2-Methylnaphthalene	8.60	142	440239	64.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	226689	68.90	ng		99
40) Hexachlorocyclopentadiene	8.75	237	69946	45.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	124615	57.00	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	127217	67.24	ng	#	93
45) 1,1'-Biphenyl	9.07	154	564497	69.25	ng		95
46) 2-Chloronaphthalene	9.10	162	396515	61.94	ng	#	90
47) 2-Nitroaniline	9.20	65	152764	68.44	ng	#	85
48) Acenaphthylene	9.50	152	614942	60.28	ng		100
49) Dimethylphthalate	9.38	163	425780	58.81	ng		98
50) 2,6-Dinitrotoluene	9.44	165	91419	56.66	ng	#	66
51) Acenaphthene	9.67	154	359046	57.19	ng		99
52) 3-Nitroaniline	9.61	138	112703	57.12	ng	#	78
53) 2,4-Dinitrophenol	9.72	184	47902	68.10	ng	#	76
54) Dibenzofuran	9.84	168	477573	58.04	ng		98
55) 4-Nitrophenol	9.80	139	77452m	53.01	ng		
56) 2,4-Dinitrotoluene	9.85	165	132902	63.95	ng	#	57
57) Fluorene	10.18	166	377560	57.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	84498	58.19	ng		95
59) Diethylphthalate	10.08	149	474593	66.95	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	202665	67.47	ng	#	89
61) 4-Nitroaniline	10.23	138	116236	60.07	ng		99
62) Azobenzene	10.34	77	510976	63.51	ng		88
64) 4,6-Dinitro-2-methylphenol	10.25	198	69998	67.74	ng	#	45
65) n-Nitrosodiphenylamine	10.31	169	418558	65.64	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	104494	54.14	ng	#	90
67) Hexachlorobenzene	10.73	284	128126	60.86	ng	#	83
68) Atrazine	10.83	200	115230	57.49	ng		99
69) Pentachlorophenol	10.92	266	60507	49.84	ng		100
70) Phenanthrene	11.13	178	619209	59.29	ng		99
71) Anthracene	11.19	178	632094	60.23	ng		99
72) Carbazole	11.35	167	547147	54.84	ng		99
73) Di-n-butylphthalate	11.69	149	711165	62.38	ng	#	97
74) Fluoranthene	12.31	202	638701	61.07	ng		98
76) Benzidine	12.44	184	249874	43.17	ng		97
77) Pyrene	12.54	202	615481	60.78	ng		100
79) Butylbenzylphthalate	13.17	149	265379	58.78	ng		92
80) Benzo(a)anthracene	13.73	228	521956	67.66	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	159296	54.56	ng	#	98
82) Chrysene	13.76	228	489234	63.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	370251	71.42	ng		99
84) Di-n-octyl phthalate	14.34	149	627503	71.28	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	356102	60.77	ng		100
87) Benzo(b)fluoranthene	14.72	252	512091m	68.86	ng		
88) Benzo(k)fluoranthene	14.74	252	319781m	53.91	ng		
89) Benzo(a)pyrene	15.03	252	388844	64.75	ng	#	94
90) Dibenzo(a,h)anthracene	16.32	278	303756	60.73	ng	#	94
91) Benzo(g,h,i)perylene	16.67	276	306708	59.53	ng		96

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

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