Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089130.D
Acq On : 20 Jul 2016 12:34
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Jul 20 15:44:04 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	47808	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	207352	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	104772	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	199933	20.00	ng		0.00
75) Chrysene-d12	13.73	240	163320	20.00	ng		0.00
86) Perylene-d12	15.07	264	132439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	63452	19.98	ng		0.01
7) Phenol-d6	6.26	99	88131	21.40	ng		-0.01
23) Nitrobenzene-d5	7.16	82	77068	19.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	17572	18.37	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	152105	21.86	ng		-0.01
78) Terphenyl-d14	12.69	244	155063	21.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	13378	8.60	ng		97
3) Pyridine	2.68	79	35730	8.02	ng		93
4) n-Nitrosodimethylamine	2.63	42	14179	8.24	ng		95
6) Aniline	6.26	93	58246	9.88	ng	#	82
8) 2-Chlorophenol	6.39	128	37288	10.81	ng		90
9) Benzaldehyde	6.15	77	26600	9.78	ng		98
10) Phenol	6.27	94	49130	10.46	ng		80
11) bis(2-Chloroethyl)ether	6.34	93	38281	10.81	ng		97
12) 1,3-Dichlorobenzene	6.54	146	40400	10.66	ng		96
13) 1,4-Dichlorobenzene	6.62	146	40845	10.86	ng		98
14) 1,2-Dichlorobenzene	6.78	146	37373	10.43	ng		97
15) Benzyl Alcohol	6.75	79	31156	10.31	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	40556	8.24	ng		79
17) 2-Methylphenol	6.89	107	27927	10.03	ng		95
18) Hexachloroethane	7.11	117	15120	10.48	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	26047	9.26	ng	#	82
20) 3+4-Methylphenols	7.04	107	38738	11.24	ng		92
22) Acetophenone	7.02	105	56647	11.05	ng		97
24) Nitrobenzene	7.19	77	43305	10.69	ng		95
25) Isophorone	7.43	82	74095	10.10	ng		97
26) 2-Nitrophenol	7.51	139	19879	11.82	ng		88
27) 2,4-Dimethylphenol	7.56	122	32603	9.74	ng		97
28) bis(2-Chloroethoxy)methane	7.64	93	42331	8.77	ng		99
29) 2,4-Dichlorophenol	7.76	162	29491	10.55	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	31998	10.49	ng	#	96
31) Naphthalene	7.91	128	121029	11.81	ng		99
32) Benzoic acid	7.67	122	21241	8.52	ng		95
33) 4-Chloroaniline	7.96	127	47327	10.35	ng	#	89
34) Hexachlorobutadiene	8.03	225	18705	11.37	ng		98
35) Caprolactam	8.31	113	9110	9.84	ng		97
36) 4-Chloro-3-methylphenol	8.47	107	34493	10.50	ng		89
37) 2-Methylnaphthalene	8.59	142	70894	10.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	39990	11.47	ng		99
40) Hexachlorocyclopentadiene	8.75	237	5848	3.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	20708	8.94	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	21558	10.76	ng	#	85
45) 1,1'-Biphenyl	9.06	154	98641	11.42	ng		97
46) 2-Chloronaphthalene	9.08	162	73308	10.81	ng		93
47) 2-Nitroaniline	9.19	65	24720	10.45	ng	#	80
48) Acenaphthylene	9.50	152	113834	10.53	ng		98
49) Dimethylphthalate	9.37	163	77294	10.08	ng		100
50) 2,6-Dinitrotoluene	9.43	165	17934	10.49	ng	#	84
51) Acenaphthene	9.67	154	66623	10.02	ng		99
52) 3-Nitroaniline	9.60	138	21718	10.39	ng		99
53) 2,4-Dinitrophenol	9.71	184	3402	4.57	ng	#	88
54) Dibenzofuran	9.84	168	91882	10.54	ng		90
55) 4-Nitrophenol	9.79	139	12439	8.04	ng		90
56) 2,4-Dinitrotoluene	9.83	165	24251	11.02	ng		92
57) Fluorene	10.17	166	76516	11.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	15510m	10.08	ng		
59) Diethylphthalate	10.07	149	78139	10.40	ng		94
60) 4-Chlorophenyl-phenylether	10.17	204	36194	11.37	ng	#	78
61) 4-Nitroaniline	10.20	138	20971	10.23	ng		88
62) Azobenzene	10.33	77	90074	10.57	ng		91
64) 4,6-Dinitro-2-methylphenol	10.24	198	8827	8.19	ng		95
65) n-Nitrosodiphenylamine	10.30	169	67492	10.15	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	20591	10.23	ng	#	79
67) Hexachlorobenzene	10.72	284	22336	10.17	ng	#	74
68) Atrazine	10.82	200	21892	10.47	ng		98
69) Pentachlorophenol	10.92	266	7541	5.96	ng		97
70) Phenanthrene	11.13	178	115249	10.58	ng		98
71) Anthracene	11.18	178	120722	11.03	ng		100
72) Carbazole	11.34	167	103199	9.92	ng		98
73) Di-n-butylphthalate	11.68	149	135289	11.38	ng		98
74) Fluoranthene	12.31	202	126738	11.62	ng		93
76) Benzidine	12.43	184	57660	7.35	ng		97
77) Pyrene	12.53	202	124159	9.05	ng		99
79) Butylbenzylphthalate	13.17	149	56139	9.18	ng		89
80) Benzo(a)anthracene	13.71	228	99657	9.53	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	32360	8.18	ng	#	96
82) Chrysene	13.75	228	96914m	9.31	ng		
83) Bis(2-ethylhexyl)phthalate	13.73	149	73526	10.47	ng		100
84) Di-n-octyl phthalate	14.33	149	118187	9.91	ng		97
85) Indeno(1,2,3-cd)pyrene	16.30	276	68176	8.59	ng		99
87) Benzo(b)fluoranthene	14.71	252	93629m	10.73	ng		
88) Benzo(k)fluoranthene	14.73	252	76062m	10.93	ng		
89) Benzo(a)pyrene	15.02	252	77187	10.95	ng	#	94
90) Dibenzo(a,h)anthracene	16.31	278	58050	9.89	ng		97
91) Benzo(g,h,i)perylene	16.65	276	58116	9.61	ng		94

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

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