Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089138.D
Acq On : 20 Jul 2016 18:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 20 19:45:23 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	6.60	152	49148	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	211137	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	103745	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	196473	20.00	ng		0.00
75) Chrysene-d12	13.73	240	143110	20.00	ng		0.00
86) Perylene-d12	15.06	264	110256	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	259688	80.36	ng		0.00
7) Phenol-d6	6.26	99	322557	77.40	ng		-0.01
23) Nitrobenzene-d5	7.18	82	308191	77.56	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	72536	77.66	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	605355	80.40	ng		0.00
78) Terphenyl-d14	12.68	244	464304	70.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	53419	38.07	ng		97
3) Pyridine	2.67	79	140448	39.40	ng		99
4) n-Nitrosodimethylamine	2.64	42	61174	40.77	ng		98
6) Aniline	6.26	93	220719	39.20	ng		90
8) 2-Chlorophenol	6.39	128	143736	40.08	ng		88
9) Benzaldehyde	6.15	77	89858	41.35	ng		98
10) Phenol	6.27	94	184990	38.53	ng	#	53
11) bis(2-Chloroethyl)ether	6.35	93	142056	39.40	ng		99
12) 1,3-Dichlorobenzene	6.54	146	153013	38.64	ng		97
13) 1,4-Dichlorobenzene	6.62	146	158801	39.82	ng		98
14) 1,2-Dichlorobenzene	6.78	146	150803	40.11	ng		98
15) Benzyl Alcohol	6.76	79	121239	39.73	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	164354	40.00	ng		85
17) 2-Methylphenol	6.89	107	111283	39.40	ng		98
18) Hexachloroethane	7.11	117	59620	39.77	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	104888	38.48	ng	#	87
20) 3+4-Methylphenols	7.04	107	151197	39.43	ng		88
22) Acetophenone	7.03	105	222289	39.43	ng	#	98
24) Nitrobenzene	7.20	77	160859	38.38	ng		95
25) Isophorone	7.44	82	288422	39.38	ng		99
26) 2-Nitrophenol	7.51	139	72505	37.09	ng		97
27) 2,4-Dimethylphenol	7.56	122	130390	39.59	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	188833	41.22	ng		100
29) 2,4-Dichlorophenol	7.76	162	117426	39.57	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	125064	38.07	ng		95
31) Naphthalene	7.91	128	432592	37.96	ng		100
32) Benzoic acid	7.71	122	97521	38.51	ng		97
33) 4-Chloroaniline	7.96	127	181617	37.90	ng	#	89
34) Hexachlorobutadiene	8.03	225	74020	40.48	ng		97
35) Caprolactam	8.35	113	36801	39.93	ng		93
36) 4-Chloro-3-methylphenol	8.47	107	144261	40.34	ng		98
37) 2-Methylnaphthalene	8.60	142	277317	38.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	142289	36.90	ng		99
40) Hexachlorocyclopentadiene	8.75	237	42950	38.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	81736	37.87	ng		100
43) 2,4,5-Trichlorophenol	8.92	196	83077	38.35	ng	#	81
45) 1,1'-Biphenyl	9.06	154	332865	35.63	ng		99
46) 2-Chloronaphthalene	9.08	162	261381	36.82	ng		100
47) 2-Nitroaniline	9.19	65	84990	34.90	ng		99
48) Acenaphthylene	9.50	152	427470	38.30	ng		99
49) Dimethylphthalate	9.37	163	284934	35.79	ng		98
50) 2,6-Dinitrotoluene	9.44	165	69865	38.87	ng		90
51) Acenaphthene	9.67	154	256093	38.78	ng		99
52) 3-Nitroaniline	9.60	138	77251	36.19	ng	#	70
53) 2,4-Dinitrophenol	9.71	184	28179	36.00	ng		91
54) Dibenzofuran	9.84	168	344999	38.67	ng		98
55) 4-Nitrophenol	9.79	139	47977	37.15	ng		90
56) 2,4-Dinitrotoluene	9.84	165	92112	39.79	ng	#	84
57) Fluorene	10.18	166	306863	40.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	64239	41.29	ng		98
59) Diethylphthalate	10.07	149	299149	37.90	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	120361	34.81	ng	#	67
61) 4-Nitroaniline	10.22	138	76625	36.90	ng		99
62) Azobenzene	10.33	77	307171	35.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	44036	38.50	ng		95
65) n-Nitrosodiphenylamine	10.30	169	254652	38.78	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	79227	40.75	ng		92
67) Hexachlorobenzene	10.72	284	74918	35.83	ng	#	54
68) Atrazine	10.83	200	86784	42.26	ng		97
69) Pentachlorophenol	10.92	266	36979	38.33	ng		98
70) Phenanthrene	11.13	178	425091	39.44	ng		100
71) Anthracene	11.18	178	418171	37.33	ng		99
72) Carbazole	11.35	167	389407	39.57	ng		98
73) Di-n-butylphthalate	11.68	149	451801	37.12	ng		100
74) Fluoranthene	12.31	202	444658	39.25	ng		97
76) Benzidine	12.43	184	185331	37.67	ng		99
77) Pyrene	12.54	202	473478	40.06	ng		99
79) Butylbenzylphthalate	13.17	149	204932	40.99	ng		92
80) Benzo(a)anthracene	13.71	228	347391	38.11	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	123009	40.69	ng	#	95
82) Chrysene	13.75	228	296308	34.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	243600	36.73	ng		98
84) Di-n-octyl phthalate	14.33	149	389669	35.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	227074	35.91	ng		100
87) Benzo(b)fluoranthene	14.71	252	274779m	34.41	ng		
88) Benzo(k)fluoranthene	14.73	252	263904m	46.21	ng		
89) Benzo(a)pyrene	15.02	252	248579	40.10	ng		97
90) Dibenzo(a,h)anthracene	16.31	278	195412	39.92	ng	#	96
91) Benzo(g,h,i)perylene	16.66	276	194332	39.38	ng		98

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

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