Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089127.D
Acq On : 19 Jul 2016 19:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 20 03:47:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	46394	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	181057	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	81443	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	133917	20.00	ng		0.00
75) Chrysene-d12	13.75	240	86550	20.00	ng		-0.01
86) Perylene-d12	15.10	264	79288	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	240641	77.74	ng		-0.01
7) Phenol-d6	6.28	99	320061	80.02	ng		0.00
23) Nitrobenzene-d5	7.20	82	301024	87.13	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	52207	69.03	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	549283	106.53	ng		0.00
78) Terphenyl-d14	12.71	244	281341	72.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	52330	34.10	ng	#	30
3) Pyridine	2.70	79	151205	33.95	ng		94
4) n-Nitrosodimethylamine	2.65	42	62235	36.58	ng		99
6) Aniline	6.28	93	206712	35.46	ng	#	68
8) 2-Chlorophenol	6.41	128	144250	43.36	ng		92
9) Benzaldehyde	6.16	77	94439	34.86	ng		83
10) Phenol	6.30	94	188115	41.21	ng		91
11) bis(2-Chloroethyl)ether	6.36	93	118873	34.92	ng		90
12) 1,3-Dichlorobenzene	6.56	146	139893m	38.21	ng		
13) 1,4-Dichlorobenzene	6.64	146	148705	40.92	ng		96
14) 1,2-Dichlorobenzene	6.80	146	146035	42.93	ng		97
15) Benzyl Alcohol	6.78	79	110578	37.56	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	147789	29.98	ng		74
17) 2-Methylphenol	6.90	107	102921	37.92	ng	#	93
18) Hexachloroethane	7.13	117	48780	34.70	ng	#	79
19) n-Nitroso-di-n-propylamine	7.05	70	91098	33.91	ng		96
20) 3+4-Methylphenols	7.06	107	140974	43.28	ng	#	75
22) Acetophenone	7.04	105	194414	44.24	ng	#	91
24) Nitrobenzene	7.21	77	125775	36.11	ng	#	79
25) Isophorone	7.46	82	254358	39.74	ng		98
26) 2-Nitrophenol	7.53	139	67679	47.38	ng		94
27) 2,4-Dimethylphenol	7.59	122	126573	42.54	ng		90
28) bis(2-Chloroethoxy)methane	7.68	93	169721	40.75	ng		97
29) 2,4-Dichlorophenol	7.78	162	111392	46.33	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	114385	43.35	ng		95
31) Naphthalene	7.93	128	358357	40.15	ng		99
32) Benzoic acid	7.71	122	67348	31.18	ng		90
33) 4-Chloroaniline	7.99	127	156812	39.49	ng		96
34) Hexachlorobutadiene	8.06	225	68893	48.76	ng		98
35) Caprolactam	8.36	113	28908	35.40	ng		95
36) 4-Chloro-3-methylphenol	8.48	107	111960	39.38	ng		87
37) 2-Methylnaphthalene	8.63	142	244163	42.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	115612	42.68	ng	#	1
40) Hexachlorocyclopentadiene	8.78	237	7380	5.55	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	64570	36.15	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	66754	43.44	ng	#	85
45) 1,1'-Biphenyl	9.08	154	276975	41.07	ng		99
46) 2-Chloronaphthalene	9.11	162	219026	41.37	ng		97
47) 2-Nitroaniline	9.21	65	84215	44.82	ng		96
48) Acenaphthylene	9.52	152	360466	42.79	ng		99
49) Dimethylphthalate	9.39	163	243633	41.99	ng		100
50) 2,6-Dinitrotoluene	9.45	165	48050	37.36	ng	#	35
51) Acenaphthene	9.69	154	211148	40.89	ng		97
52) 3-Nitroaniline	9.62	138	73529	44.98	ng		93
53) 2,4-Dinitrophenol	9.74	184	2421	4.26	ng	#	84
54) Dibenzofuran	9.86	168	292439	43.27	ng	#	89
55) 4-Nitrophenol	9.79	139	36565	29.43	ng		82
56) 2,4-Dinitrotoluene	9.85	165	59713	35.51	ng	#	28
57) Fluorene	10.20	166	244811	47.00	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	44555	37.48	ng	#	51
59) Diethylphthalate	10.09	149	267263	45.90	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	100684	41.60	ng	#	83
61) 4-Nitroaniline	10.23	138	64762	41.17	ng		84
62) Azobenzene	10.35	77	242782	36.55	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	8179	11.42	ng		85
65) n-Nitrosodiphenylamine	10.32	169	214575	47.34	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	61083	45.26	ng	#	87
67) Hexachlorobenzene	10.75	284	56375	37.74	ng	#	75
68) Atrazine	10.84	200	49319	34.92	ng		90
69) Pentachlorophenol	10.95	266	25313	28.63	ng		98
70) Phenanthrene	11.15	178	294540	40.23	ng		99
71) Anthracene	11.21	178	286306	39.33	ng		97
72) Carbazole	11.36	167	235679	34.40	ng		99
73) Di-n-butylphthalate	11.70	149	338031	42.42	ng		98
74) Fluoranthene	12.33	202	250702	33.78	ng		99
76) Benzidine	12.47	184	223763	51.15	ng		99
77) Pyrene	12.56	202	281338	38.34	ng		98
79) Butylbenzylphthalate	13.19	149	126544	38.66	ng	#	80
80) Benzo(a)anthracene	13.74	228	218417	39.19	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	88693	42.33	ng		97
82) Chrysene	13.78	228	205938	37.35	ng		97
83) Bis(2-ethylhexyl)phthalate	13.75	149	169092	45.25	ng	#	95
84) Di-n-octyl phthalate	14.37	149	305445	48.11	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	157857	37.21	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	254168m	51.10	ng		
88) Benzo(k)fluoranthene	14.77	252	171854m	39.69	ng		
89) Benzo(a)pyrene	15.05	252	186130	44.20	ng	#	95
90) Dibenzo(a,h)anthracene	16.35	278	139341	39.62	ng		97
91) Benzo(g,h,i)perylene	16.71	276	129567	35.61	ng		98

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

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