Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097463.D
Acq On : 8 Aug 2017 12:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 08 17:21:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	88121	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	370994	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	140789	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	257528	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	182527	20.00	ng		0.00
86) Perylene-d12	14.87	264	157520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	480662	82.23	ng		-0.01
7) Phenol-d6	6.08	99	567364	85.02	ng		0.00
23) Nitrobenzene-d5	6.98	82	464027	73.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	98556	88.60	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	712653	85.90	ng		0.00
78) Terphenyl-d14	12.49	244	664430	74.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	91073	37.334	ng	#	69
3) Pyridine	2.48	79	287585	38.500	ng	#	59
4) n-Nitrosodimethylamine	2.44	42	166529	40.242	ng	#	78
6) Aniline	6.07	93	369370	43.985	ng		96
8) 2-Chlorophenol	6.20	128	265313	42.446	ng		97
9) Benzaldehyde	5.95	77	192795	48.809	ng		95
10) Phenol	6.09	94	348865	44.073	ng		96
11) bis(2-Chloroethyl)ether	6.15	93	250324	39.984	ng		88
12) 1,3-Dichlorobenzene	6.34	146	278629	41.364	ng		98
13) 1,4-Dichlorobenzene	6.42	146	282666	42.344	ng		95
14) 1,2-Dichlorobenzene	6.57	146	243075	41.704	ng		98
15) Benzyl Alcohol	6.57	79	193884	45.889	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	472108	37.597	ng	#	45
17) 2-Methylphenol	6.70	107	188252	39.023	ng	#	89
18) Hexachloroethane	6.91	117	95846	39.246	ng	#	82
19) n-Nitroso-di-n-propylamine	6.84	70	164380	37.422	ng	#	79
20) 3+4-Methylphenols	6.86	107	262534	41.668	ng	#	62
22) Acetophenone	6.83	105	324780	36.454	ng		95
24) Nitrobenzene	7.00	77	245055	37.206	ng		95
25) Isophorone	7.25	82	448795	36.237	ng		96
26) 2-Nitrophenol	7.32	139	131865	37.006	ng	#	84
27) 2,4-Dimethylphenol	7.37	122	214456	36.484	ng		98
28) bis(2-Chloroethoxy)methane	7.46	93	278024	34.400	ng		100
29) 2,4-Dichlorophenol	7.57	162	200688	39.632	ng		96
30) 1,2,4-Trichlorobenzene	7.64	180	191425	39.660	ng		99
31) Naphthalene	7.71	128	716005	40.942	ng		99
32) Benzoic acid	7.56	122	152051	34.642	ng		91
33) 4-Chloroaniline	7.77	127	298882	42.002	ng		99
34) Hexachlorobutadiene	7.83	225	100516	39.282	ng		98
35) Caprolactam	8.15	113	63917m	39.364	ng		
36) 4-Chloro-3-methylphenol	8.29	107	229815	41.599	ng		91
37) 2-Methylnaphthalene	8.40	142	411726	37.184	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	159530	42.466	ng		98
40) Hexachlorocyclopentadiene	8.56	237	59327	48.033	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	110708	40.667 ng		98
43) 2,4,5-Trichlorophenol	8.75	196	105561	38.741 ng		96
45) 1,1'-Biphenyl	8.87	154	553290	46.010 ng		97
46) 2-Chloronaphthalene	8.89	162	407672	46.068 ng	#	92
47) 2-Nitroaniline	9.00	65	157282	48.974 ng		96
48) Acenaphthylene	9.29	152	573345	42.211 ng		99
49) Dimethylphthalate	9.18	163	442539	41.393 ng		99
50) 2,6-Dinitrotoluene	9.25	165	97320	42.919 ng	#	85
51) Acenaphthene	9.47	154	364006	45.496 ng		99
52) 3-Nitroaniline	9.41	138	128517	45.661 ng		98
53) 2,4-Dinitrophenol	9.54	184	58494	56.735 ng	#	77
54) Dibenzofuran	9.64	168	514130	48.244 ng		96
55) 4-Nitrophenol	9.62	139	65394m	39.069 ng		
56) 2,4-Dinitrotoluene	9.65	165	139828	53.641 ng	#	72
57) Fluorene	9.98	166	394306	49.228 ng		98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	81481	43.309 ng		98
59) Diethylphthalate	9.87	149	421505	42.973 ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	160427	48.503 ng		98
61) 4-Nitroaniline	10.03	138	129101	48.273 ng		94
62) Azobenzene	10.14	77	384901	42.300 ng		91
64) 4,6-Dinitro-2-methylphenol	10.07	198	70374	43.977 ng		89
65) n-Nitrosodiphenylamine	10.10	169	362528	40.459 ng		97
66) 4-Bromophenyl-phenylether	10.46	248	105248	40.952 ng		92
67) Hexachlorobenzene	10.53	284	120286	41.736 ng	#	82
68) Atrazine	10.63	200	95169	37.039 ng		94
69) Pentachlorophenol	10.74	266	68907	57.785 ng		95
70) Phenanthrene	10.93	178	540835	39.195 ng		99
71) Anthracene	10.98	178	571354	40.428 ng		98
72) Carbazole	11.15	167	571744	41.135 ng		100
73) Di-n-butylphthalate	11.49	149	623731	36.304 ng		99
74) Fluoranthene	12.11	202	539286	39.895 ng		99
76) Benzidine	12.25	184	184485	27.240 ng	#	93
77) Pyrene	12.33	202	581619	38.923 ng		99
79) Butylbenzylphthalate	12.97	149	276410	36.365 ng	#	78
80) Benzo(a)anthracene	13.52	228	468762	39.691 ng		98
81) 3,3'-Dichlorobenzidine	13.49	252	182014	40.868 ng	#	97
82) Chrysene	13.56	228	470617	40.808 ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	347237	34.988 ng		99
84) Di-n-octyl phthalate	14.14	149	616042	33.825 ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.06	276	345152	34.904 ng		97
87) Benzo(b)fluoranthene	14.52	252	387023m	40.873 ng		
88) Benzo(k)fluoranthene	14.54	252	384097	42.569 ng		95
89) Benzo(a)pyrene	14.82	252	343969	39.691 ng		99
90) Dibenzo(a,h)anthracene	16.06	278	277296	39.019 ng		96
91) Benzo(g,h,i)perylene	16.41	276	301664	40.478 ng		100

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

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