Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079356.D
Acq On : 19 May 2015 23:42
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 20 05:59:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	67189	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	287441	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	139427	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	269925	20.00	ng		0.00
75) Chrysene-d12	16.00	240	278758	20.00	ng		-0.02
86) Perylene-d12	17.76	264	299660	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	296173m	75.88	ng		-0.01
7) Phenol-d6	6.71	99	399605	77.45	ng		0.00
23) Nitrobenzene-d5	7.83	82	396676	79.31	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	121368	80.46	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	755122	75.45	ng		0.00
78) Terphenyl-d14	14.71	244	861777	74.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	65307m	38.48	ng		
3) Pyridine	2.67	79	156318m	31.47	ng		
4) n-Nitrosodimethylamine	2.59	42	87426m	41.08	ng		
6) Aniline	6.72	93	268871	36.92	ng	#	52
8) 2-Chlorophenol	6.86	128	174140	39.34	ng		95
9) Benzaldehyde	6.57	77	117088m	33.69	ng		
10) Phenol	6.72	94	228782	38.22	ng	#	51
11) bis(2-Chloroethyl)ether	6.82	93	166098	37.86	ng		92
12) 1,3-Dichlorobenzene	7.05	146	191259	38.44	ng	#	96
13) 1,4-Dichlorobenzene	7.15	146	192810	37.65	ng		97
14) 1,2-Dichlorobenzene	7.34	146	178551	37.45	ng		96
15) Benzyl Alcohol	7.31	79	130430	34.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	243635	36.29	ng		96
17) 2-Methylphenol	7.46	107	136695	38.37	ng	#	94
18) Hexachloroethane	7.75	117	68438	38.80	ng		96
19) n-Nitroso-di-n-propylamine	7.66	70	132362	37.98	ng	#	90
20) 3+4-Methylphenols	7.66	107	187317	39.46	ng	#	48
22) Acetophenone	7.64	105	244297	37.62	ng	#	83
24) Nitrobenzene	7.85	77	191820	38.69	ng	#	82
25) Isophorone	8.15	82	357507	38.56	ng		95
26) 2-Nitrophenol	8.24	139	83434	40.66	ng		94
27) 2,4-Dimethylphenol	8.31	122	151704	36.95	ng		93
28) bis(2-Chloroethoxy)methane	8.43	93	215821	37.76	ng		98
29) 2,4-Dichlorophenol	8.54	162	143055	39.18	ng		97
30) 1,2,4-Trichlorobenzene	8.64	180	154455	38.51	ng		100
31) Naphthalene	8.73	128	517997	37.82	ng		99
32) Benzoic acid	8.44	122	103501m	41.26	ng		
33) 4-Chloroaniline	8.81	127	225402	38.89	ng	#	92
34) Hexachlorobutadiene	8.89	225	83255	36.05	ng		99
35) Caprolactam	9.24	113	44578	37.76	ng		99
36) 4-Chloro-3-methylphenol	9.43	107	152763	39.83	ng		97
37) 2-Methylnaphthalene	9.59	142	348417	36.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	143430	36.53	ng		97
40) Hexachlorocyclopentadiene	9.78	237	61473	31.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	100627	37.27	ng		97
43) 2,4,5-Trichlorophenol	9.99	196	106020	38.84	ng	#	85
45) 1,1'-Biphenyl	10.17	154	416815	37.60	ng		98
46) 2-Chloronaphthalene	10.19	162	334557	38.70	ng		93
47) 2-Nitroaniline	10.33	65	96630	38.57	ng	#	51
48) Acenaphthylene	10.70	152	534523	37.65	ng		99
49) Dimethylphthalate	10.57	163	386062	37.73	ng		97
50) 2,6-Dinitrotoluene	10.64	165	81926	40.57	ng	#	82
51) Acenaphthene	10.91	154	302517	35.74	ng		99
52) 3-Nitroaniline	10.83	138	100124	39.69	ng		96
53) 2,4-Dinitrophenol	10.98	184	20536	37.84	ng	#	57
54) Dibenzofuran	11.13	168	451490	36.92	ng		100
55) 4-Nitrophenol	11.06	139	67770	33.94	ng	#	81
56) 2,4-Dinitrotoluene	11.13	165	103672	38.83	ng	#	56
57) Fluorene	11.55	166	381336	37.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.29	232	82378	36.94	ng		99
59) Diethylphthalate	11.44	149	390881	38.56	ng		99
60) 4-Chlorophenyl-phenylether	11.57	204	167462	37.61	ng		99
61) 4-Nitroaniline	11.60	138	108541	43.01	ng		87
62) Azobenzene	11.76	77	364441	36.48	ng		99
64) 4,6-Dinitro-2-methylphenol	11.63	198	42163	40.16	ng	#	21
65) n-Nitrosodiphenylamine	11.71	169	337471	37.54	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	106932	38.01	ng		90
67) Hexachlorobenzene	12.23	284	119290	37.10	ng	#	85
68) Atrazine	12.39	200	93944	35.94	ng		97
69) Pentachlorophenol	12.48	266	55873	34.00	ng		98
70) Phenanthrene	12.74	178	549636	36.40	ng		100
71) Anthracene	12.81	178	570028	38.48	ng		99
72) Carbazole	13.02	167	537810	38.09	ng		100
73) Di-n-butylphthalate	13.47	149	693022	40.93	ng		99
74) Fluoranthene	14.22	202	589450	37.46	ng		99
76) Benzidine	14.40	184	223332	29.73	ng		97
77) Pyrene	14.50	202	635194	39.54	ng		99
79) Butylbenzylphthalate	15.33	149	300914	42.85	ng		91
80) Benzo(a)anthracene	15.99	228	592666	38.82	ng		100
81) 3,3'-Dichlorobenzidine	15.98	252	219396	40.35	ng		99
82) Chrysene	16.03	228	562263	38.30	ng		99
83) Bis(2-ethylhexyl)phthalate	16.06	149	474824	44.65	ng		99
84) Di-n-octyl phthalate	16.86	149	821078	43.84	ng		98
85) Indeno(1,2,3-cd)pyrene	19.14	276	804023	42.98	ng		99
87) Benzo(b)fluoranthene	17.30	252	691743	42.17	ng		100
88) Benzo(k)fluoranthene	17.34	252	523342m	32.96	ng		
89) Benzo(a)pyrene	17.69	252	596676	39.51	ng		99
90) Dibenzo(a,h)anthracene	19.17	278	660558	41.15	ng		99
91) Benzo(g,h,i)perylene	19.54	276	654229	40.67	ng	#	94

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

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