Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078296.D
Acq On : 7 Apr 2015 14:12
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 08 11:50:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 01:52:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	42832	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	180975	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	90340	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	180940	20.00	ng		0.00
75) Chrysene-d12	15.78	240	189963	20.00	ng		0.00
86) Perylene-d12	17.56	264	187998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	212120	81.65	ng		0.00
7) Phenol-d6	6.53	99	268232	82.39	ng		0.00
23) Nitrobenzene-d5	7.63	82	226263	75.78	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	70162	93.64	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	484899	76.72	ng		0.00
78) Terphenyl-d14	14.50	244	659115	78.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	42462	36.15	ng		95
3) Pyridine	2.35	79	117467	38.17	ng		99
4) n-Nitrosodimethylamine	2.29	42	49005	41.37	ng		99
6) Aniline	6.52	93	188337	40.79	ng		90
8) 2-Chlorophenol	6.67	128	125288	40.79	ng		93
9) Benzaldehyde	6.37	77	80359	37.24	ng		96
10) Phenol	6.54	94	157235	40.31	ng		95
11) bis(2-Chloroethyl)ether	6.64	93	115486	41.17	ng		98
12) 1,3-Dichlorobenzene	6.85	146	136034	40.32	ng	#	92
13) 1,4-Dichlorobenzene	6.96	146	138402	40.75	ng		97
14) 1,2-Dichlorobenzene	7.14	146	125419	39.38	ng		94
15) Benzyl Alcohol	7.13	79	96049	41.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.31	45	149364	39.92	ng		97
17) 2-Methylphenol	7.30	107	95592	40.08	ng		97
18) Hexachloroethane	7.55	117	47168	41.18	ng	#	84
19) n-Nitroso-di-n-propylamine	7.47	70	91145	42.43	ng		98
20) 3+4-Methylphenols	7.49	107	131652	41.38	ng		92
22) Acetophenone	7.45	105	165962	39.36	ng	#	88
24) Nitrobenzene	7.65	77	124794	39.98	ng	#	81
25) Isophorone	7.96	82	240481	42.44	ng		99
26) 2-Nitrophenol	8.05	139	63546	42.72	ng		98
27) 2,4-Dimethylphenol	8.13	122	110126	39.82	ng		96
28) bis(2-Chloroethoxy)methane	8.25	93	143000	39.35	ng		99
29) 2,4-Dichlorophenol	8.36	162	102183	40.61	ng		98
30) 1,2,4-Trichlorobenzene	8.44	180	108653	37.66	ng	#	95
31) Naphthalene	8.53	128	364914	38.74	ng		99
32) Benzoic acid	8.27	122	64956m	49.70	ng		
33) 4-Chloroaniline	8.62	127	161392	41.29	ng		100
34) Hexachlorobutadiene	8.69	225	64115	40.47	ng		98
35) Caprolactam	9.06	113	33495	44.59	ng		98
36) 4-Chloro-3-methylphenol	9.25	107	109319	43.06	ng	#	82
37) 2-Methylnaphthalene	9.40	142	251221	39.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	109977	39.29	ng		99
40) Hexachlorocyclopentadiene	9.58	237	44593	40.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	79374	44.96	ng		99
43) 2,4,5-Trichlorophenol	9.80	196	81150	44.00	ng		98
45) 1,1'-Biphenyl	9.98	154	298078	40.34	ng		99
46) 2-Chloronaphthalene	10.00	162	236845	40.74	ng		97
47) 2-Nitroaniline	10.13	65	62871	43.71	ng		94
48) Acenaphthylene	10.50	152	384209	40.92	ng		99
49) Dimethylphthalate	10.38	163	279475	41.18	ng	#	96
50) 2,6-Dinitrotoluene	10.45	165	60796	43.54	ng		95
51) Acenaphthene	10.72	154	221985	42.00	ng		98
52) 3-Nitroaniline	10.65	138	70948	44.68	ng		98
53) 2,4-Dinitrophenol	10.78	184	22813	51.76	ng		90
54) Dibenzofuran	10.93	168	336127	41.63	ng		96
55) 4-Nitrophenol	10.89	139	51792	45.53	ng		83
56) 2,4-Dinitrotoluene	10.94	165	83627	46.24	ng		94
57) Fluorene	11.36	166	283038	43.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	64502	47.18	ng		99
59) Diethylphthalate	11.25	149	281154	42.96	ng		100
60) 4-Chlorophenyl-phenylether	11.37	204	127256	42.27	ng	#	83
61) 4-Nitroaniline	11.40	138	75323	46.93	ng		98
62) Azobenzene	11.56	77	254579	42.62	ng		95
64) 4,6-Dinitro-2-methylphenol	11.44	198	36231	41.70	ng		86
65) n-Nitrosodiphenylamine	11.52	169	242305	38.71	ng		99
66) 4-Bromophenyl-phenylether	11.97	248	78888	41.17	ng	#	85
67) Hexachlorobenzene	12.02	284	81530	38.83	ng	#	91
68) Atrazine	12.20	200	79810	44.03	ng		98
69) Pentachlorophenol	12.28	266	43653	50.09	ng		98
70) Phenanthrene	12.53	178	415570	39.70	ng		99
71) Anthracene	12.59	178	408894	39.65	ng		100
72) Carbazole	12.81	167	388162	40.16	ng		99
73) Di-n-butylphthalate	13.28	149	495692	45.27	ng		99
74) Fluoranthene	14.00	202	460511	41.72	ng		97
76) Benzidine	14.19	184	226399	30.95	ng		99
77) Pyrene	14.27	202	473752	39.73	ng		98
79) Butylbenzylphthalate	15.13	149	221161	48.66	ng	#	85
80) Benzo(a)anthracene	15.77	228	451559	39.95	ng		98
81) 3,3'-Dichlorobenzidine	15.77	252	163075	43.08	ng		100
82) Chrysene	15.81	228	423552	39.89	ng		99
83) Bis(2-ethylhexyl)phthalate	15.86	149	334708	46.95	ng	#	97
84) Di-n-octyl phthalate	16.68	149	579668	49.52	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.88	276	501183	41.59	ng	#	85
87) Benzo(b)fluoranthene	17.11	252	418721	36.04	ng	#	97
88) Benzo(k)fluoranthene	17.14	252	456714m	44.23	ng		
89) Benzo(a)pyrene	17.49	252	414911	40.92	ng	#	95
90) Dibenzo(a,h)anthracene	18.90	278	403440	39.74	ng	#	96
91) Benzo(g,h,i)perylene	19.24	276	400203	39.32	ng		97

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

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