Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078527.D
Acq On : 15 Apr 2015 6:18
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 15 05:57:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	39420	20.00	ng		0.01
21) Naphthalene-d8	8.39	136	180696	20.00	ng		0.00
38) Acenaphthene-d10	10.55	164	93851	20.00	ng		0.01
63) Phenanthrene-d10	12.37	188	196025	20.00	ng		0.00
75) Chrysene-d12	15.63	240	220880	20.00	ng		-0.02
86) Perylene-d12	17.33	264	230872	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	189070	79.08	ng		0.00
7) Phenol-d6	6.41	99	250139	83.48	ng		0.00
23) Nitrobenzene-d5	7.52	82	234775	78.75	ng		0.01
41) 2,4,6-Tribromophenol	11.52	330	68073	87.46	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	487711	74.28	ng		0.00
78) Terphenyl-d14	14.37	244	688204	70.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	55566	51.40	ng	#	81
3) Pyridine	2.15	79	126642	44.72	ng		95
4) n-Nitrosodimethylamine	2.10	42	46839	42.97	ng		92
6) Aniline	6.40	93	190604	44.86	ng	#	86
8) 2-Chlorophenol	6.54	128	117359	41.51	ng		95
9) Benzaldehyde	6.24	77	73583	37.05	ng		90
10) Phenol	6.43	94	146695	40.86	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	106962	41.43	ng		98
12) 1,3-Dichlorobenzene	6.72	146	122166	39.34	ng		99
13) 1,4-Dichlorobenzene	6.82	146	121377	38.83	ng		97
14) 1,2-Dichlorobenzene	7.00	146	115387	39.37	ng		98
15) Benzyl Alcohol	7.02	79	102534	48.70	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.19	45	137252	39.85	ng		76
17) 2-Methylphenol	7.18	107	94365	42.99	ng		95
18) Hexachloroethane	7.43	117	37789	35.85	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	84653	42.82	ng	#	88
20) 3+4-Methylphenols	7.37	107	132780	45.35	ng		97
22) Acetophenone	7.34	105	168915	40.12	ng	#	97
24) Nitrobenzene	7.53	77	119457	38.33	ng	#	79
25) Isophorone	7.84	82	233615	41.29	ng		96
26) 2-Nitrophenol	7.93	139	51063	34.38	ng		95
27) 2,4-Dimethylphenol	8.02	122	106407	38.53	ng		99
28) bis(2-Chloroethoxy)methane	8.14	93	135436	37.33	ng		99
29) 2,4-Dichlorophenol	8.24	162	99165	39.47	ng		96
30) 1,2,4-Trichlorobenzene	8.32	180	101566	35.26	ng		96
31) Naphthalene	8.41	128	350287	37.24	ng		99
32) Benzoic acid	8.16	122	61179m	47.21	ng		
33) 4-Chloroaniline	8.50	127	158967	40.73	ng		99
34) Hexachlorobutadiene	8.57	225	57404	36.29	ng		97
35) Caprolactam	8.96	113	36952	49.27	ng		95
36) 4-Chloro-3-methylphenol	9.13	107	106989	42.20	ng		95
37) 2-Methylnaphthalene	9.27	142	244261	38.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.47	216	103270	35.51	ng		99
40) Hexachlorocyclopentadiene	9.46	237	7911	12.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.63	196	78739	42.93	ng		99
43) 2,4,5-Trichlorophenol	9.69	196	79861	41.68	ng	#	84
45) 1,1'-Biphenyl	9.85	154	289345	37.69	ng		98
46) 2-Chloronaphthalene	9.86	162	224892	37.23	ng		96
47) 2-Nitroaniline	10.01	65	69957	46.81	ng	#	85
48) Acenaphthylene	10.36	152	381119	39.08	ng		99
49) Dimethylphthalate	10.26	163	278307	39.47	ng	#	96
50) 2,6-Dinitrotoluene	10.33	165	57599	39.71	ng		98
51) Acenaphthene	10.58	154	211264	38.47	ng		99
52) 3-Nitroaniline	10.52	138	82382	49.94	ng		99
53) 2,4-Dinitrophenol	10.67	184	697	9.39	ng		98
54) Dibenzofuran	10.80	168	337470	40.24	ng		100
55) 4-Nitrophenol	10.79	139	55078m	46.55	ng		
56) 2,4-Dinitrotoluene	10.82	165	81257	43.25	ng		96
57) Fluorene	11.22	166	291722	42.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.96	232	61498	43.30	ng		99
59) Diethylphthalate	11.13	149	277498	40.82	ng		98
60) 4-Chlorophenyl-phenylether	11.23	204	123830	39.59	ng	#	77
61) 4-Nitroaniline	11.28	138	89215	53.50	ng		98
62) Azobenzene	11.43	77	271661	43.78	ng		98
64) 4,6-Dinitro-2-methylphenol	11.32	198	2977	11.08	ng	#	75
65) n-Nitrosodiphenylamine	11.39	169	261597	38.58	ng		98
66) 4-Bromophenyl-phenylether	11.84	248	77376	37.27	ng	#	90
67) Hexachlorobenzene	11.88	284	78313	34.42	ng	#	79
68) Atrazine	12.08	200	73001	37.17	ng		98
69) Pentachlorophenol	12.15	266	53409	55.57	ng		99
70) Phenanthrene	12.40	178	431722	38.07	ng		99
71) Anthracene	12.46	178	431681	38.63	ng		99
72) Carbazole	12.67	167	401263	38.32	ng		98
73) Di-n-butylphthalate	13.14	149	463633	39.08	ng		100
74) Fluoranthene	13.86	202	508194	42.50	ng		93
76) Benzidine	14.07	184	461759	54.29	ng		98
77) Pyrene	14.14	202	516234	37.23	ng		99
79) Butylbenzylphthalate	14.98	149	220200	41.67	ng		97
80) Benzo(a)anthracene	15.62	228	504104	38.36	ng		100
81) 3,3'-Dichlorobenzidine	15.61	252	189718	43.10	ng	#	98
82) Chrysene	15.66	228	468711	37.96	ng		100
83) Bis(2-ethylhexyl)phthalate	15.70	149	311496	37.58	ng	#	95
84) Di-n-octyl phthalate	16.49	149	567661m	41.71	ng		
85) Indeno(1,2,3-cd)pyrene	18.56	276	561416m	40.07	ng		
87) Benzo(b)fluoranthene	16.89	252	593065	41.56	ng	#	96
88) Benzo(k)fluoranthene	16.93	252	400128m	31.56	ng		
89) Benzo(a)pyrene	17.27	252	498055	40.00	ng		99
90) Dibenzo(a,h)anthracene	18.58	278	461888m	37.05	ng		
91) Benzo(g,h,i)perylene	18.90	276	457253m	36.58	ng		

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

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