Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078458.D
Acq On : 12 Apr 2015 00:27
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/13/2015 4:19:33 PM

Quant Time: Apr 13 12:01:55 2015
Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 06:32:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	36758	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	158761	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	81254	20.00	ng		-0.01
63) Phenanthrene-d10	12.42	188	164405	20.00	ng		0.00
75) Chrysene-d12	15.69	240	183881	20.00	ng		0.00
86) Perylene-d12	17.39	264	180094	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	181872	81.58	ng		0.00
7) Phenol-d6	6.45	99	229210	82.04	ng		-0.01
23) Nitrobenzene-d5	7.56	82	208941	79.77	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	62962	93.43	ng		0.00
44) 2-Fluorobiphenyl	9.79	172	459749	80.88	ng		0.00
78) Terphenyl-d14	14.41	244	626840	77.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	46294m	45.92	ng		
3) Pyridine	2.22	79	117664	44.56	ng		98
4) n-Nitrosodimethylamine	2.18	42	37624	37.01	ng		96
6) Aniline	6.44	93	168439	42.51	ng		91
8) 2-Chlorophenol	6.59	128	108711	41.24	ng		97
9) Benzaldehyde	6.30	77	69264	37.40	ng		99
10) Phenol	6.48	94	137863	41.18	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	98669	40.98	ng		95
12) 1,3-Dichlorobenzene	6.78	146	117984	40.74	ng	#	91
13) 1,4-Dichlorobenzene	6.88	146	120254	41.26	ng		97
14) 1,2-Dichlorobenzene	7.06	146	111764	40.89	ng		98
15) Benzyl Alcohol	7.06	79	83736	42.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	134594	41.91	ng		96
17) 2-Methylphenol	7.23	107	83578	40.83	ng		96
18) Hexachloroethane	7.48	117	31658	32.21	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	81853	44.40	ng		99
20) 3+4-Methylphenols	7.42	107	113360	41.52	ng		91
22) Acetophenone	7.38	105	148867	40.24	ng	#	91
24) Nitrobenzene	7.58	77	116061	42.39	ng	#	85
25) Isophorone	7.89	82	207487	41.74	ng		98
26) 2-Nitrophenol	7.98	139	45525	34.89	ng		93
27) 2,4-Dimethylphenol	8.06	122	95967	39.55	ng		94
28) bis(2-Chloroethoxy)methane	8.18	93	127382	39.96	ng		98
29) 2,4-Dichlorophenol	8.29	162	91730	41.56	ng		96
30) 1,2,4-Trichlorobenzene	8.37	180	98399	38.88	ng		96
31) Naphthalene	8.46	128	329346	39.86	ng		99
32) Benzoic acid	8.20	122	55042	48.21	ng		97
33) 4-Chloroaniline	8.56	127	143201	41.76	ng		98
34) Hexachlorobutadiene	8.62	225	58068	41.79	ng		96
35) Caprolactam	8.99	113	29043	44.08	ng		98
36) 4-Chloro-3-methylphenol	9.17	107	94565	42.46	ng		100
37) 2-Methylnaphthalene	9.32	142	221679	39.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	103411	41.07	ng		99
40) Hexachlorocyclopentadiene	9.52	237	3370	9.66	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.69	196	69333	43.67	ng		98
43) 2,4,5-Trichlorophenol	9.73	196	70257	42.35	ng	#	88
45) 1,1'-Biphenyl	9.90	154	269486	40.55	ng		99
46) 2-Chloronaphthalene	9.92	162	210269	40.21	ng		100
47) 2-Nitroaniline	10.06	65	60181	46.51	ng	#	47
48) Acenaphthylene	10.42	152	340792	40.36	ng		98
49) Dimethylphthalate	10.30	163	257339	42.16	ng		98
50) 2,6-Dinitrotoluene	10.37	165	52798	42.04	ng	#	78
51) Acenaphthene	10.64	154	201525	42.39	ng		98
52) 3-Nitroaniline	10.57	138	65359	45.77	ng		95
53) 2,4-Dinitrophenol	10.72	184	1278	11.25	ng	#	88
54) Dibenzofuran	10.85	168	316068	43.53	ng		96
55) 4-Nitrophenol	10.82	139	35195m	35.08	ng		
56) 2,4-Dinitrotoluene	10.86	165	67151	41.28	ng	#	85
57) Fluorene	11.28	166	259571	44.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	56035	45.57	ng		97
59) Diethylphthalate	11.17	149	250524	42.56	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	117454	43.38	ng	#	84
61) 4-Nitroaniline	11.32	138	71652	49.63	ng		98
62) Azobenzene	11.48	77	227037	42.26	ng		93
64) 4,6-Dinitro-2-methylphenol	11.37	198	4540	13.13	ng	#	67
65) n-Nitrosodiphenylamine	11.44	169	219099	38.53	ng		99
66) 4-Bromophenyl-phenylether	11.89	248	69698	40.03	ng	#	83
67) Hexachlorobenzene	11.94	284	72885	38.20	ng	#	88
68) Atrazine	12.12	200	66982	40.67	ng		99
69) Pentachlorophenol	12.20	266	32664	42.62	ng		98
70) Phenanthrene	12.45	178	384468	40.43	ng		100
71) Anthracene	12.51	178	371754	39.67	ng		100
72) Carbazole	12.73	167	356150	40.55	ng		99
73) Di-n-butylphthalate	13.20	149	446123	44.84	ng		99
74) Fluoranthene	13.92	202	423709	42.25	ng		94
76) Benzidine	14.11	184	259631	36.67	ng		99
77) Pyrene	14.19	202	440146	38.13	ng		99
79) Butylbenzylphthalate	15.04	149	198996	45.23	ng		95
80) Benzo(a)anthracene	15.68	228	447418	40.90	ng		100
81) 3,3'-Dichlorobenzidine	15.67	252	158892	43.36	ng	#	98
82) Chrysene	15.72	228	404292	39.33	ng		99
83) Bis(2-ethylhexyl)phthalate	15.77	149	311989	45.21	ng		100
84) Di-n-octyl phthalate	16.55	149	549830	48.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.64	276	460643	39.49	ng	#	86
87) Benzo(b)fluoranthene	16.96	252	436503	39.22	ng		98
88) Benzo(k)fluoranthene	16.99	252	432320m	43.71	ng		
89) Benzo(a)pyrene	17.32	252	407570	41.96	ng	#	93
90) Dibenzo(a,h)anthracene	18.66	278	376089	38.67	ng		98
91) Benzo(g,h,i)perylene	18.99	276	365824	37.52	ng		99

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

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