Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077144.D
Acq On : 30 Jan 2015 6:03
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Quant Time: Jan 30 07:43:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 07:34:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30813	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	132485	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	69408	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	120268	20.00	ng		0.00
75) Chrysene-d12	21.08	240	121868	20.00	ng		0.00
86) Perylene-d12	22.72	264	115055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.70	112	149739	79.90	ng		0.00
7) Phenol-d6	7.10	99	191140	80.85	ng		0.00
23) Nitrobenzene-d5	9.00	82	197831	82.73	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	46388	82.34	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	377408	82.75	ng		0.00
78) Terphenyl-d14	19.81	244	426685	80.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	3812m	4.75	ng		
3) Pyridine	1.52	79	87962	42.36	ng		92
4) n-Nitrosodimethylamine	1.50	42	39272	38.18	ng		99
6) Aniline	6.97	93	133097	40.68	ng		95
8) 2-Chlorophenol	7.21	128	88909	41.15	ng		95
9) Benzaldehyde	6.69	77	50170	36.61	ng		98
10) Phenol	7.12	94	97686	38.91	ng		92
11) bis(2-Chloroethyl)ether	7.24	93	82889	42.20	ng	#	76
12) 1,3-Dichlorobenzene	7.52	146	100233	40.78	ng		100
13) 1,4-Dichlorobenzene	7.73	146	102782	39.43	ng		99
14) 1,2-Dichlorobenzene	8.04	146	98867	41.17	ng		99
15) Benzyl Alcohol	8.13	79	79776	41.70	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	101785	38.55	ng		98
17) 2-Methylphenol	8.48	107	72578	41.11	ng		94
18) Hexachloroethane	8.78	117	37986	41.90	ng		95
19) n-Nitroso-di-n-propylamine	8.77	70	66821	40.38	ng		95
20) 3+4-Methylphenols	8.87	107	90574	38.74	ng		96
22) Acetophenone	8.69	105	128777	39.68	ng		99
24) Nitrobenzene	9.03	77	98322	40.36	ng		96
25) Isophorone	9.64	82	172398	39.58	ng		97
26) 2-Nitrophenol	9.77	139	46736	37.85	ng	#	88
27) 2,4-Dimethylphenol	10.06	122	74966	39.79	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	99329	40.13	ng	#	96
29) 2,4-Dichlorophenol	10.38	162	68407	38.96	ng		95
30) 1,2,4-Trichlorobenzene	10.50	180	79099	40.56	ng		91
31) Naphthalene	10.64	128	271416	39.79	ng		99
32) Benzoic acid	10.47	122	27448	26.30	ng		93
33) 4-Chloroaniline	10.89	127	106944	38.80	ng		98
34) Hexachlorobutadiene	11.01	225	46967	40.59	ng		98
35) Caprolactam	11.77	113	19519	37.76	ng		95
36) 4-Chloro-3-methylphenol	12.21	107	80354	39.97	ng		95
37) 2-Methylnaphthalene	12.30	142	186905	40.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	71002	41.38	ng		97
40) Hexachlorocyclopentadiene	12.69	237	30222	35.42	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	51653	41.31	ng		95
43) 2,4,5-Trichlorophenol	13.15	196	49673	38.95	ng		96
45) 1,1'-Biphenyl	13.45	154	215772	41.93	ng		98
46) 2-Chloronaphthalene	13.42	162	177919	42.02	ng		98
47) 2-Nitroaniline	13.77	65	56715	44.15	ng		92
48) Acenaphthylene	14.37	152	300709	42.10	ng		99
49) Dimethylphthalate	14.33	163	204779	41.60	ng		100
50) 2,6-Dinitrotoluene	14.43	165	42338	43.05	ng		96
51) Acenaphthene	14.79	154	164028	40.48	ng		93
52) 3-Nitroaniline	14.77	138	49747	39.09	ng		88
53) 2,4-Dinitrophenol	15.05	184	13142	36.05	ng	#	88
54) Dibenzofuran	15.21	168	245164	41.53	ng		99
55) 4-Nitrophenol	15.39	139	25301	32.79	ng		97
56) 2,4-Dinitrotoluene	15.36	165	57764	39.57	ng		93
57) Fluorene	15.98	166	206960	41.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.58	232	37369	40.25	ng	#	97
59) Diethylphthalate	15.98	149	211625	42.54	ng		98
60) 4-Chlorophenyl-phenylether	16.07	204	85647	41.86	ng		93
61) 4-Nitroaniline	16.13	138	49527	40.19	ng		88
62) Azobenzene	16.37	77	218359	42.13	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	29415	38.74	ng		91
65) n-Nitrosodiphenylamine	16.32	169	169428	39.51	ng		99
66) 4-Bromophenyl-phenylether	16.94	248	49816	40.89	ng		89
67) Hexachlorobenzene	16.95	284	53070	41.33	ng		99
68) Atrazine	17.33	200	51279	39.41	ng		98
69) Pentachlorophenol	17.33	266	22895	42.43	ng		95
70) Phenanthrene	17.60	178	295314	39.37	ng		98
71) Anthracene	17.68	178	302524	41.36	ng		99
72) Carbazole	17.97	167	291659	41.12	ng		98
73) Di-n-butylphthalate	18.57	149	336300	40.96	ng		98
74) Fluoranthene	19.26	202	327718	42.64	ng		96
76) Benzidine	19.50	184	149542	38.35	ng		99
77) Pyrene	19.53	202	335062	40.12	ng		100
79) Butylbenzylphthalate	20.48	149	158745	41.97	ng		96
80) Benzo(a)anthracene	21.07	228	313513	41.00	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	101375	41.72	ng		97
82) Chrysene	21.11	228	277757	39.83	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	218183	41.69	ng		99
84) Di-n-octyl phthalate	21.98	149	381198	41.97	ng		99
85) Indeno(1,2,3-cd)pyrene	23.82	276	337447	45.66	ng	#	82
87) Benzo(b)fluoranthene	22.31	252	296746	38.29	ng	#	98
88) Benzo(k)fluoranthene	22.35	252	300103m	44.33	ng		
89) Benzo(a)pyrene	22.67	252	282932	41.39	ng	#	97
90) Dibenzo(a,h)anthracene	23.84	278	269259	42.93	ng	#	94
91) Benzo(g,h,i)perylene	24.09	276	270634	43.41	ng		98

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

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