Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079157.D
Acq On : 12 May 2015 14:48
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 13 01:06:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	78123	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	323563	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	157708	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	302233	20.00	ng		0.00
75) Chrysene-d12	16.19	240	309758	20.00	ng		0.00
86) Perylene-d12	18.02	264	325271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	372545	82.09	ng		0.00
7) Phenol-d6	6.84	99	479948	80.00	ng		0.00
23) Nitrobenzene-d5	7.98	82	456733	81.13	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	143889	84.34	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	869986	76.86	ng		0.00
78) Terphenyl-d14	14.88	244	1045385	80.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	79668	40.37	ng	#	20
3) Pyridine	2.94	79	245139	42.45	ng		94
4) n-Nitrosodimethylamine	2.87	42	93603	37.83	ng		81
6) Aniline	6.87	93	334747	39.53	ng	#	46
8) 2-Chlorophenol	7.02	128	218328	42.41	ng		95
9) Benzaldehyde	6.73	77	149467	36.98	ng		95
10) Phenol	6.87	94	286739	41.20	ng	#	63
11) bis(2-Chloroethyl)ether	6.97	93	201153	39.43	ng		97
12) 1,3-Dichlorobenzene	7.21	146	235133	40.64	ng	#	90
13) 1,4-Dichlorobenzene	7.30	146	237467	39.88	ng		96
14) 1,2-Dichlorobenzene	7.48	146	219269	39.56	ng		97
15) Benzyl Alcohol	7.46	79	170373	38.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.64	45	311475	39.91	ng		98
17) 2-Methylphenol	7.61	107	172088	41.54	ng		97
18) Hexachloroethane	7.91	117	83879	40.90	ng		97
19) n-Nitroso-di-n-propylamine	7.79	70	160332	39.57	ng		94
20) 3+4-Methylphenols	7.80	107	226802	41.09	ng	#	46
22) Acetophenone	7.79	105	303267	41.49	ng		93
24) Nitrobenzene	8.00	77	231334	41.45	ng		92
25) Isophorone	8.30	82	424836	40.70	ng		97
26) 2-Nitrophenol	8.39	139	107464	46.53	ng	#	80
27) 2,4-Dimethylphenol	8.46	122	199726	43.21	ng		96
28) bis(2-Chloroethoxy)methane	8.58	93	256434	39.85	ng		98
29) 2,4-Dichlorophenol	8.70	162	177801	43.26	ng		93
30) 1,2,4-Trichlorobenzene	8.79	180	178708	39.58	ng		93
31) Naphthalene	8.89	128	624254	40.49	ng		99
32) Benzoic acid	8.57	122	119508	42.16	ng		94
33) 4-Chloroaniline	8.96	127	272670	41.80	ng		97
34) Hexachlorobutadiene	9.04	225	105050	40.40	ng		98
35) Caprolactam	9.39	113	57367	43.16	ng		97
36) 4-Chloro-3-methylphenol	9.56	107	184246	42.68	ng		99
37) 2-Methylnaphthalene	9.75	142	449796	42.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	177276	39.91	ng	#	100
40) Hexachlorocyclopentadiene	9.93	237	72079	32.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	129879	42.53	ng		96
43) 2,4,5-Trichlorophenol	10.15	196	130229	42.18	ng	#	87
45) 1,1'-Biphenyl	10.33	154	506257	40.38	ng		96
46) 2-Chloronaphthalene	10.34	162	392330	40.12	ng		98
47) 2-Nitroaniline	10.48	65	127434	44.97	ng	#	87
48) Acenaphthylene	10.86	152	642170	39.99	ng		100
49) Dimethylphthalate	10.72	163	473953	40.95	ng		99
50) 2,6-Dinitrotoluene	10.79	165	99565	43.59	ng	#	82
51) Acenaphthene	11.07	154	363150	37.93	ng		97
52) 3-Nitroaniline	10.99	138	130774	45.83	ng	#	92
53) 2,4-Dinitrophenol	11.12	184	33078	47.57	ng		89
54) Dibenzofuran	11.29	168	546832	39.54	ng		99
55) 4-Nitrophenol	11.21	139	97248	43.06	ng		87
56) 2,4-Dinitrotoluene	11.28	165	126409	41.86	ng		94
57) Fluorene	11.71	166	443109	39.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.44	232	100637	39.89	ng	#	100
59) Diethylphthalate	11.59	149	451537	39.38	ng		97
60) 4-Chlorophenyl-phenylether	11.73	204	202212	40.15	ng		97
61) 4-Nitroaniline	11.75	138	130853	45.84	ng		92
62) Azobenzene	11.92	77	440042	38.95	ng		97
64) 4,6-Dinitro-2-methylphenol	11.78	198	60212	47.84	ng		96
65) n-Nitrosodiphenylamine	11.87	169	418855	41.61	ng		99
66) 4-Bromophenyl-phenylether	12.33	248	128213	40.70	ng		97
67) Hexachlorobenzene	12.39	284	142969	39.71	ng		97
68) Atrazine	12.55	200	119063	40.68	ng		95
69) Pentachlorophenol	12.64	266	74830	39.33	ng		96
70) Phenanthrene	12.90	178	651985	38.56	ng		99
71) Anthracene	12.97	178	660384	39.81	ng		100
72) Carbazole	13.18	167	632851	40.03	ng		99
73) Di-n-butylphthalate	13.62	149	764678	40.33	ng		99
74) Fluoranthene	14.39	202	733568	41.64	ng		95
76) Benzidine	14.56	184	329031	39.41	ng		98
77) Pyrene	14.66	202	734720	41.16	ng		99
79) Butylbenzylphthalate	15.50	149	363890	46.64	ng	#	85
80) Benzo(a)anthracene	16.18	228	701975	41.38	ng		100
81) 3,3'-Dichlorobenzidine	16.16	252	273501	45.27	ng		100
82) Chrysene	16.23	228	634524	38.89	ng		99
83) Bis(2-ethylhexyl)phthalate	16.24	149	499134	42.23	ng		99
84) Di-n-octyl phthalate	17.07	149	916832	44.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.50	276	854652	41.11	ng	#	100
87) Benzo(b)fluoranthene	17.54	252	777784	43.69	ng		99
88) Benzo(k)fluoranthene	17.58	252	602597	34.96	ng		100
89) Benzo(a)pyrene	17.95	252	658168	40.15	ng		97
90) Dibenzo(a,h)anthracene	19.52	278	679478	39.00	ng		97
91) Benzo(g,h,i)perylene	19.93	276	704332	40.33	ng		96

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

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