Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079621.D
Acq On : 31 May 2015 00:02
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/1/2015 8:47:34 PM

Quant Time: Jun 01 03:25:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 02:59:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	73086	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	289317	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	136937	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	266941	20.00	ng		0.00
75) Chrysene-d12	15.78	240	273379	20.00	ng		0.00
86) Perylene-d12	17.45	264	274819	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	351885	83.51	ng		0.00
7) Phenol-d6	6.54	99	439000	81.74	ng		0.00
23) Nitrobenzene-d5	7.63	82	406824	81.28	ng		0.00
41) 2,4,6-Tribromophenol	11.66	330	131057	87.13	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	803296	83.69	ng		0.00
78) Terphenyl-d14	14.50	244	934164	80.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	92366m	46.08	ng		
3) Pyridine	2.35	79	213174	48.30	ng		99
4) n-Nitrosodimethylamine	2.30	42	95365	43.88	ng		88
6) Aniline	6.52	93	308852	40.52	ng		96
8) 2-Chlorophenol	6.67	128	195074	39.77	ng		94
9) Benzaldehyde	6.38	77	124839	42.16	ng		93
10) Phenol	6.55	94	265171	41.93	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	194130	42.44	ng		98
12) 1,3-Dichlorobenzene	6.86	146	218297	40.17	ng		94
13) 1,4-Dichlorobenzene	6.96	146	224409	40.48	ng		99
14) 1,2-Dichlorobenzene	7.14	146	203877	39.60	ng		97
15) Benzyl Alcohol	7.14	79	156795	39.73	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	270150	40.35	ng		98
17) 2-Methylphenol	7.30	107	155246	40.28	ng		98
18) Hexachloroethane	7.55	117	61755	32.37	ng	#	84
19) n-Nitroso-di-n-propylamine	7.47	70	147996	39.16	ng	#	87
20) 3+4-Methylphenols	7.50	107	210919	39.83	ng		98
22) Acetophenone	7.45	105	266931	41.18	ng	#	99
24) Nitrobenzene	7.66	77	198877	40.32	ng		99
25) Isophorone	7.96	82	379814	41.63	ng		99
26) 2-Nitrophenol	8.06	139	85741	36.71	ng		98
27) 2,4-Dimethylphenol	8.14	122	175323	41.76	ng		97
28) bis(2-Chloroethoxy)methane	8.25	93	235057	41.57	ng		99
29) 2,4-Dichlorophenol	8.36	162	161967	42.12	ng		98
30) 1,2,4-Trichlorobenzene	8.46	180	168443	42.23	ng	#	93
31) Naphthalene	8.54	128	557880	40.18	ng		100
32) Benzoic acid	8.28	122	107646	41.32	ng		97
33) 4-Chloroaniline	8.63	127	245164	42.26	ng		99
34) Hexachlorobutadiene	8.70	225	98319	43.33	ng		98
35) Caprolactam	9.06	113	48273	39.81	ng	#	85
36) 4-Chloro-3-methylphenol	9.26	107	161321	40.44	ng	#	77
37) 2-Methylnaphthalene	9.39	142	392521	40.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	162641	42.46	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	1922	7.70	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	114755	42.91	ng		99
43) 2,4,5-Trichlorophenol	9.82	196	114857	43.14	ng		97
45) 1,1'-Biphenyl	9.98	154	445835	41.68	ng		97
46) 2-Chloronaphthalene	10.00	162	356516	42.21	ng		96
47) 2-Nitroaniline	10.14	65	104184	41.48	ng		88
48) Acenaphthylene	10.50	152	581412	41.47	ng		99
49) Dimethylphthalate	10.38	163	404714	40.11	ng		100
50) 2,6-Dinitrotoluene	10.46	165	79091	39.24	ng		98
51) Acenaphthene	10.72	154	329588	41.11	ng		99
52) 3-Nitroaniline	10.65	138	113215	43.18	ng		94
53) 2,4-Dinitrophenol	10.82	184	554	6.38	ng	#	40
54) Dibenzofuran	10.94	168	499703	42.26	ng		93
55) 4-Nitrophenol	10.90	139	51910m	35.70	ng		
56) 2,4-Dinitrotoluene	10.95	165	97970	36.24	ng		96
57) Fluorene	11.36	166	409177	41.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	88624	45.74	ng	#	100
59) Diethylphthalate	11.24	149	414227	41.94	ng		94
60) 4-Chlorophenyl-phenylether	11.37	204	186029	44.17	ng		90
61) 4-Nitroaniline	11.40	138	110580	45.27	ng		91
62) Azobenzene	11.56	77	379983	39.55	ng		95
64) 4,6-Dinitro-2-methylphenol	11.46	198	3970	9.51	ng		93
65) n-Nitrosodiphenylamine	11.52	169	352056	39.71	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	114504	41.66	ng	#	87
67) Hexachlorobenzene	12.03	284	130309	41.58	ng	#	88
68) Atrazine	12.21	200	89724	37.46	ng		97
69) Pentachlorophenol	12.29	266	50887	42.38	ng		97
70) Phenanthrene	12.54	178	581086	39.68	ng		99
71) Anthracene	12.61	178	605655	40.74	ng		99
72) Carbazole	12.82	167	573045	40.03	ng		98
73) Di-n-butylphthalate	13.28	149	725979	45.38	ng		99
74) Fluoranthene	14.01	202	649691	41.37	ng		97
76) Benzidine	14.21	184	379423	64.80	ng		99
77) Pyrene	14.29	202	667183	39.39	ng		100
79) Butylbenzylphthalate	15.13	149	331950	43.58	ng		89
80) Benzo(a)anthracene	15.77	228	624181	39.69	ng		99
81) 3,3'-Dichlorobenzidine	15.76	252	246056	42.73	ng		98
82) Chrysene	15.82	228	590161	39.48	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	508144	46.57	ng	#	97
84) Di-n-octyl phthalate	16.62	149	869341	45.77	ng		100
85) Indeno(1,2,3-cd)pyrene	18.73	276	715089	37.19	ng		99
87) Benzo(b)fluoranthene	17.03	252	595971m	38.02	ng		
88) Benzo(k)fluoranthene	17.06	252	632112m	45.10	ng		
89) Benzo(a)pyrene	17.39	252	574191	41.63	ng		98
90) Dibenzo(a,h)anthracene	18.75	278	587189	40.69	ng		98
91) Benzo(g,h,i)perylene	19.11	276	593669	41.40	ng		96

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

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