Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080042.D
Acq On : 18 Jun 2015 00:52
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/18/2015 4:07:30 PM

Quant Time: Jun 18 03:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	55603	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	223400	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	114295	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	234539	20.00	ng		0.00
75) Chrysene-d12	14.89	240	266183	20.00	ng		0.03
86) Perylene-d12	16.80	264	265919	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	253602	80.74	ng		0.00
7) Phenol-d6	6.94	99	330811	79.14	ng		0.00
23) Nitrobenzene-d5	7.90	82	329100	85.76	ng		0.00
41) 2,4,6-Tribromophenol	11.20	330	91486	81.86	ng		0.00
44) 2-Fluorobiphenyl	9.70	172	619048	77.24	ng		0.00
78) Terphenyl-d14	13.60	244	891986	78.26	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	56426	37.79	ng		86
3) Pyridine	4.04	79	152089	38.30	ng	#	81
4) n-Nitrosodimethylamine	3.94	42	78918	41.82	ng	#	96
6) Aniline	7.00	93	243540	42.35	ng		97
8) 2-Chlorophenol	7.12	128	151887	41.84	ng		92
9) Benzaldehyde	6.88	77	91444	37.90	ng	#	72
10) Phenol	6.95	94	168690	36.98	ng	#	65
11) bis(2-Chloroethyl)ether	7.05	93	143500	39.65	ng		98
12) 1,3-Dichlorobenzene	7.28	146	176370m	40.44	ng		
13) 1,4-Dichlorobenzene	7.36	146	171750	41.41	ng		96
14) 1,2-Dichlorobenzene	7.51	146	160272m	39.71	ng		
15) Benzyl Alcohol	7.46	79	145227	42.49	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.60	45	211057	39.29	ng		90
17) 2-Methylphenol	7.57	107	120075	38.72	ng	#	82
18) Hexachloroethane	7.86	117	54954	39.79	ng	#	74
19) n-Nitroso-di-n-propylamine	7.73	70	108256	37.30	ng	#	81
20) 3+4-Methylphenols	7.72	107	162963	40.72	ng		88
22) Acetophenone	7.74	105	217117	41.70	ng	#	84
24) Nitrobenzene	7.91	77	153822	38.84	ng	#	61
25) Isophorone	8.15	82	309115	40.03	ng	#	87
26) 2-Nitrophenol	8.24	139	71185	42.94	ng	#	91
27) 2,4-Dimethylphenol	8.25	122	132709	38.39	ng	#	75
28) bis(2-Chloroethoxy)methane	8.36	93	192848	42.50	ng	#	94
29) 2,4-Dichlorophenol	8.48	162	118500	40.03	ng		95
30) 1,2,4-Trichlorobenzene	8.57	180	139977	41.63	ng		99
31) Naphthalene	8.65	128	477765m	40.90	ng		
32) Benzoic acid	8.32	122	90201	43.16	ng	#	64
33) 4-Chloroaniline	8.69	127	183650m	36.74	ng		
34) Hexachlorobutadiene	8.77	225	82427	39.82	ng		97
35) Caprolactam	9.03	113	38586	40.16	ng	#	81
36) 4-Chloro-3-methylphenol	9.16	107	132717	39.74	ng	#	78
37) 2-Methylnaphthalene	9.35	142	308002	40.77	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	133380	40.10	ng		99
40) Hexachlorocyclopentadiene	9.51	237	24465	19.43	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	96771	42.76	ng		98
43) 2,4,5-Trichlorophenol	9.66	196	109801m	42.11	ng		
45) 1,1'-Biphenyl	9.81	154	362093	38.94	ng		93
46) 2-Chloronaphthalene	9.84	162	311770	41.32	ng		95
47) 2-Nitroaniline	9.92	65	88360	42.66	ng	#	68
48) Acenaphthylene	10.26	152	532363	42.27	ng		97
49) Dimethylphthalate	10.09	163	322412	37.52	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	74204	43.08	ng	#	70
51) Acenaphthene	10.44	154	309901	40.22	ng		91
52) 3-Nitroaniline	10.33	138	85413	42.97	ng	#	62
53) 2,4-Dinitrophenol	10.44	184	20878	33.44	ng	#	1
54) Dibenzofuran	10.61	168	429705	39.31	ng	#	89
55) 4-Nitrophenol	10.48	139	68123	42.88	ng	#	84
56) 2,4-Dinitrotoluene	10.57	165	98200	44.92	ng	#	94
57) Fluorene	10.95	166	341656	39.39	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.72	232	93775	42.60	ng		95
59) Diethylphthalate	10.80	149	358093	41.39	ng		99
60) 4-Chlorophenyl-phenylether	10.94	204	169914	40.76	ng		94
61) 4-Nitroaniline	10.95	138	95639	46.59	ng	#	61
62) Azobenzene	11.10	77	368765	41.87	ng		90
64) 4,6-Dinitro-2-methylphenol	10.98	198	39113	36.57	ng	#	78
65) n-Nitrosodiphenylamine	11.05	169	315423	41.30	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	96085	38.53	ng	#	85
67) Hexachlorobenzene	11.51	284	107545	38.80	ng	#	72
68) Atrazine	11.57	200	91519	37.93	ng		81
69) Pentachlorophenol	11.70	266	66149	42.12	ng		97
70) Phenanthrene	11.93	178	555662	39.13	ng		96
71) Anthracene	11.99	178	563137	41.19	ng		98
72) Carbazole	12.14	167	544216	41.69	ng		96
73) Di-n-butylphthalate	12.47	149	585471	38.82	ng	#	99
74) Fluoranthene	13.20	202	632103	41.80	ng		90
76) Benzidine	13.32	184	332987	44.75	ng	#	97
77) Pyrene	13.47	202	650527	39.69	ng		97
79) Butylbenzylphthalate	14.16	149	285143	43.33	ng	#	97
80) Benzo(a)anthracene	14.88	228	645642	39.81	ng		95
81) 3,3'-Dichlorobenzidine	14.83	252	239797	42.88	ng	#	95
82) Chrysene	14.93	228	615280	41.15	ng		94
83) Bis(2-ethylhexyl)phthalate	14.86	149	433389	41.67	ng	#	93
84) Di-n-octyl phthalate	15.68	149	749301	42.04	ng		95
85) Indeno(1,2,3-cd)pyrene	18.68	276	760245	40.32	ng	#	88
87) Benzo(b)fluoranthene	16.25	252	671382	41.70	ng	#	88
88) Benzo(k)fluoranthene	16.30	252	615365	37.53	ng	#	85
89) Benzo(a)pyrene	16.72	252	617083	40.36	ng	#	87
90) Dibenzo(a,h)anthracene	18.70	278	623118	39.82	ng	#	80
91) Benzo(g,h,i)perylene	19.24	276	617780	39.10	ng	#	77

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

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