Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080070.D
Acq On : 19 Jun 2015 23:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
6/22/2015 2:40:51 PM

Quant Time: Jun 20 01:49:11 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	7.33	152	34833	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	144307	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	76436	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	171438	20.00	ng		-0.01
75) Chrysene-d12	14.80	240	195206	20.00	ng		-0.06
86) Perylene-d12	16.65	264	191019	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	165187	83.95	ng		-0.01
7) Phenol-d6	6.93	99	230487	88.02	ng		-0.01
23) Nitrobenzene-d5	7.89	82	226416	91.34	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	66442	88.89	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	405516	75.66	ng		-0.01
78) Terphenyl-d14	13.56	244	644289	77.08	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	37445	40.03	ng	#	83
3) Pyridine	4.02	79	100007	40.20	ng	#	79
4) n-Nitrosodimethylamine	3.93	42	44894	37.98	ng		99
6) Aniline	6.98	93	166616	46.25	ng		93
8) 2-Chlorophenol	7.11	128	98263	43.21	ng		87
9) Benzaldehyde	6.88	77	61780	40.87	ng		92
10) Phenol	6.94	94	115426	40.39	ng		67
11) bis(2-Chloroethyl)ether	7.04	93	87747	38.70	ng		92
12) 1,3-Dichlorobenzene	7.27	146	111981m	40.99	ng		
13) 1,4-Dichlorobenzene	7.35	146	123735m	47.62	ng		
14) 1,2-Dichlorobenzene	7.51	146	108836	43.05	ng		99
15) Benzyl Alcohol	7.45	79	92364	43.14	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.60	45	152837	45.42	ng		83
17) 2-Methylphenol	7.56	107	79867	41.11	ng	#	82
18) Hexachloroethane	7.85	117	39267	45.39	ng	#	87
19) n-Nitroso-di-n-propylamine	7.73	70	73968	40.69	ng	#	78
20) 3+4-Methylphenols	7.72	107	112626	44.92	ng		92
22) Acetophenone	7.73	105	142192	42.28	ng	#	83
24) Nitrobenzene	7.91	77	105679	41.30	ng	#	78
25) Isophorone	8.14	82	195794	39.25	ng	#	83
26) 2-Nitrophenol	8.23	139	51205	47.81	ng	#	71
27) 2,4-Dimethylphenol	8.25	122	93241	41.75	ng		87
28) bis(2-Chloroethoxy)methane	8.34	93	120383	41.07	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	86330	45.14	ng		96
30) 1,2,4-Trichlorobenzene	8.56	180	104540	48.14	ng		99
31) Naphthalene	8.64	128	302695m	40.12	ng		
32) Benzoic acid	8.31	122	46988	34.80	ng	#	67
33) 4-Chloroaniline	8.68	127	122846m	38.05	ng		
34) Hexachlorobutadiene	8.77	225	57283	42.84	ng		99
35) Caprolactam	9.02	113	28513	45.94	ng		94
36) 4-Chloro-3-methylphenol	9.14	107	86988	40.33	ng	#	71
37) 2-Methylnaphthalene	9.34	142	223323	45.76	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	102789	46.21	ng		98
40) Hexachlorocyclopentadiene	9.50	237	42023	40.10	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	70367	46.49	ng		99
43) 2,4,5-Trichlorophenol	9.65	196	71129	40.79	ng	#	90
45) 1,1'-Biphenyl	9.81	154	242934	39.06	ng		95
46) 2-Chloronaphthalene	9.83	162	203075	40.25	ng	#	93
47) 2-Nitroaniline	9.91	65	58345	42.12	ng	#	55
48) Acenaphthylene	10.25	152	360104	42.76	ng		97
49) Dimethylphthalate	10.09	163	232268	40.42	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	49437	42.91	ng	#	53
51) Acenaphthene	10.42	154	207820	40.34	ng		90
52) 3-Nitroaniline	10.32	138	58145	43.74	ng	#	53
53) 2,4-Dinitrophenol	10.44	184	17481	40.40	ng	#	1
54) Dibenzofuran	10.60	168	289470	39.59	ng	#	87
55) 4-Nitrophenol	10.47	139	48201	45.37	ng	#	78
56) 2,4-Dinitrotoluene	10.56	165	73392	50.20	ng	#	93
57) Fluorene	10.95	166	252541	43.53	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	60851	41.34	ng	#	98
59) Diethylphthalate	10.79	149	233248	40.31	ng		98
60) 4-Chlorophenyl-phenylether	10.93	204	109998	39.46	ng	#	86
61) 4-Nitroaniline	10.94	138	65727	47.88	ng	#	52
62) Azobenzene	11.09	77	244614	41.53	ng		85
64) 4,6-Dinitro-2-methylphenol	10.97	198	34023	41.56	ng		88
65) n-Nitrosodiphenylamine	11.04	169	212921	38.14	ng		91
66) 4-Bromophenyl-phenylether	11.43	248	69474	38.11	ng	#	85
67) Hexachlorobenzene	11.51	284	80286	39.63	ng	#	78
68) Atrazine	11.56	200	62962	35.70	ng		82
69) Pentachlorophenol	11.69	266	43323	37.74	ng		98
70) Phenanthrene	11.92	178	405866	39.10	ng		97
71) Anthracene	11.98	178	381598	38.18	ng		98
72) Carbazole	12.13	167	361202	37.86	ng		96
73) Di-n-butylphthalate	12.45	149	419638	38.07	ng	#	98
74) Fluoranthene	13.17	202	429066	38.82	ng		87
76) Benzidine	13.28	184	244149	44.75	ng		98
77) Pyrene	13.42	202	460358	38.30	ng		96
79) Butylbenzylphthalate	14.08	149	177079	36.69	ng	#	87
80) Benzo(a)anthracene	14.79	228	468872	39.43	ng		97
81) 3,3'-Dichlorobenzidine	14.73	252	158181	38.57	ng	#	93
82) Chrysene	14.84	228	432899	39.48	ng		95
83) Bis(2-ethylhexyl)phthalate	14.76	149	267705	35.09	ng	#	92
84) Di-n-octyl phthalate	15.55	149	436461	33.39	ng		95
85) Indeno(1,2,3-cd)pyrene	18.51	276	537667	38.88	ng	#	89
87) Benzo(b)fluoranthene	16.12	252	458651	39.66	ng	#	89
88) Benzo(k)fluoranthene	16.16	252	440686	37.42	ng	#	85
89) Benzo(a)pyrene	16.59	252	431549	39.29	ng	#	85
90) Dibenzo(a,h)anthracene	18.54	278	442227	39.34	ng	#	80
91) Benzo(g,h,i)perylene	19.07	276	446716	39.36	ng	#	79

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

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