Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080362.D
Acq On : 7 Jul 2015 1:20
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
7/7/2015 4:26:20 PM

Quant Time: Jul 07 05:52:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	44812	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	174835	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	83270	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	179619	20.00	ng		0.00
75) Chrysene-d12	14.68	240	189523	20.00	ng		-0.06
86) Perylene-d12	16.49	264	179504	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	198625	81.18	ng		0.00
7) Phenol-d6	6.83	99	256172	78.98	ng		0.00
23) Nitrobenzene-d5	7.79	82	250888	83.70	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	75922	87.14	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	513338	83.20	ng		0.00
78) Terphenyl-d14	13.45	244	687937	84.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	46704	40.42	ng		98
3) Pyridine	3.86	79	108228	36.81	ng		96
4) n-Nitrosodimethylamine	3.77	42	61446	44.48	ng		95
6) Aniline	6.89	93	184909	41.18	ng		99
8) 2-Chlorophenol	7.01	128	115666	40.78	ng		99
9) Benzaldehyde	6.77	77	73717	40.87	ng		99
10) Phenol	6.85	94	135973	38.66	ng		98
11) bis(2-Chloroethyl)ether	6.94	93	106378	40.09	ng		98
12) 1,3-Dichlorobenzene	7.17	146	141640	40.68	ng		99
13) 1,4-Dichlorobenzene	7.24	146	131842m	40.55	ng		
14) 1,2-Dichlorobenzene	7.40	146	139291	42.32	ng		97
15) Benzyl Alcohol	7.36	79	105434	42.00	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	176207	41.07	ng		99
17) 2-Methylphenol	7.47	107	89009	40.49	ng		99
18) Hexachloroethane	7.74	117	42569	40.74	ng	#	60
19) n-Nitroso-di-n-propylamine	7.63	70	84863	40.32	ng		99
20) 3+4-Methylphenols	7.62	107	130716	42.66	ng		98
22) Acetophenone	7.63	105	170082	42.17	ng		99
24) Nitrobenzene	7.80	77	122049	40.53	ng		99
25) Isophorone	8.04	82	239617	41.53	ng		99
26) 2-Nitrophenol	8.13	139	53592	41.13	ng		98
27) 2,4-Dimethylphenol	8.16	122	102724	40.07	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	151444	42.26	ng		100
29) 2,4-Dichlorophenol	8.36	162	93271	40.97	ng	#	83
30) 1,2,4-Trichlorobenzene	8.46	180	109021	40.30	ng		99
31) Naphthalene	8.54	128	364348m	40.63	ng		
32) Benzoic acid	8.22	122	55283	42.06	ng		93
33) 4-Chloroaniline	8.58	127	152284m	42.60	ng		
34) Hexachlorobutadiene	8.66	225	68991	41.92	ng		100
35) Caprolactam	8.92	113	26858	38.21	ng		95
36) 4-Chloro-3-methylphenol	9.05	107	94801	40.36	ng		99
37) 2-Methylnaphthalene	9.23	142	237266	41.50	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	109948	41.66	ng		98
40) Hexachlorocyclopentadiene	9.39	237	37719	38.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	71400	41.07	ng		98
43) 2,4,5-Trichlorophenol	9.55	196	85652	42.27	ng		99
45) 1,1'-Biphenyl	9.70	154	310244	41.98	ng		99
46) 2-Chloronaphthalene	9.73	162	231758	41.12	ng		99
47) 2-Nitroaniline	9.81	65	70861	44.94	ng		98
48) Acenaphthylene	10.14	152	385208	41.07	ng		100
49) Dimethylphthalate	9.98	163	259611	38.83	ng		100
50) 2,6-Dinitrotoluene	10.05	165	60684	43.42	ng		96
51) Acenaphthene	10.33	154	234357	41.74	ng		99
52) 3-Nitroaniline	10.22	138	70123	44.52	ng		97
53) 2,4-Dinitrophenol	10.33	184	18909	35.77	ng	#	1
54) Dibenzofuran	10.50	168	327228	40.99	ng		99
55) 4-Nitrophenol	10.37	139	47786	41.39	ng		98
56) 2,4-Dinitrotoluene	10.46	165	74322	41.35	ng		98
57) Fluorene	10.84	166	290121	42.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	66553	41.00	ng		99
59) Diethylphthalate	10.69	149	290153	43.45	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	122520	40.27	ng		97
61) 4-Nitroaniline	10.84	138	65954	43.14	ng		98
62) Azobenzene	10.99	77	260231	41.03	ng		97
64) 4,6-Dinitro-2-methylphenol	10.88	198	34929	35.02	ng		92
65) n-Nitrosodiphenylamine	10.94	169	232628	40.66	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	83634	40.65	ng		93
67) Hexachlorobenzene	11.40	284	87977	40.76	ng		97
68) Atrazine	11.46	200	76772	45.08	ng		98
69) Pentachlorophenol	11.58	266	37771	35.39	ng		95
70) Phenanthrene	11.81	178	446788	41.47	ng		99
71) Anthracene	11.86	178	416213	39.40	ng		100
72) Carbazole	12.02	167	393581	39.95	ng		98
73) Di-n-butylphthalate	12.34	149	446332	39.60	ng		100
74) Fluoranthene	13.05	202	461674	39.88	ng		98
76) Benzidine	13.16	184	191366	39.81	ng		99
77) Pyrene	13.30	202	470766	41.07	ng		99
79) Butylbenzylphthalate	13.97	149	188689	41.25	ng	#	82
80) Benzo(a)anthracene	14.67	228	477730	41.83	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	154482	40.79	ng	#	97
82) Chrysene	14.72	228	428000	40.05	ng		99
83) Bis(2-ethylhexyl)phthalate	14.65	149	297536	42.67	ng		99
84) Di-n-octyl phthalate	15.43	149	470137	40.82	ng		100
85) Indeno(1,2,3-cd)pyrene	18.25	276	517890	41.21	ng		99
87) Benzo(b)fluoranthene	15.97	252	439743	38.98	ng	#	97
88) Benzo(k)fluoranthene	16.01	252	450083	42.15	ng	#	96
89) Benzo(a)pyrene	16.41	252	422061	40.91	ng		98
90) Dibenzo(a,h)anthracene	18.27	278	422694	41.60	ng		99
91) Benzo(g,h,i)perylene	18.79	276	423101	41.07	ng		99

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

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