Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084024.D
Acq On : 23 Dec 2015 7:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/23/2015 4:32:29 PM

Quant Time: Dec 23 10:18:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45685	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	178489	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	91587	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	315850	20.00	ng		0.00
75) Chrysene-d12	14.00	240	164427	20.00	ng		0.00
86) Perylene-d12	15.43	264	123502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	216613	80.84	ng		0.00
7) Phenol-d6	6.48	99	250540	79.53	ng		0.00
23) Nitrobenzene-d5	7.40	82	253143	87.13	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	75579	85.79	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	545393	80.14	ng		0.00
78) Terphenyl-d14	12.93	244	879799	127.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	44775	35.10	ng		99
3) Pyridine	3.12	79	124149m	42.75	ng		
4) n-Nitrosodimethylamine	3.06	42	48545	44.98	ng		97
6) Aniline	6.49	93	172240	39.50	ng	#	70
8) 2-Chlorophenol	6.62	128	126203	40.90	ng		85
9) Benzaldehyde	6.37	77	84322	40.08	ng		100
10) Phenol	6.49	94	134769	36.98	ng	#	52
11) bis(2-Chloroethyl)ether	6.57	93	110187	39.56	ng		98
12) 1,3-Dichlorobenzene	6.77	146	143700	41.92	ng		99
13) 1,4-Dichlorobenzene	6.84	146	140586	42.00	ng		96
14) 1,2-Dichlorobenzene	7.00	146	139281	43.52	ng		99
15) Benzyl Alcohol	6.98	79	110194	44.42	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	110396	41.06	ng		93
17) 2-Methylphenol	7.09	107	98620	40.12	ng		95
18) Hexachloroethane	7.34	117	52626	42.87	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	84502	44.26	ng		96
20) 3+4-Methylphenols	7.25	107	128669	42.42	ng	#	60
22) Acetophenone	7.24	105	173339	41.39	ng		94
24) Nitrobenzene	7.41	77	119895	40.04	ng		98
25) Isophorone	7.65	82	225560	40.97	ng		99
26) 2-Nitrophenol	7.73	139	67924	42.15	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	113920	40.56	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	147928	43.38	ng		98
29) 2,4-Dichlorophenol	7.98	162	107021	42.65	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	107615	41.11	ng	#	95
31) Naphthalene	8.13	128	357186	39.17	ng		99
32) Benzoic acid	7.92	122	56188	43.88	ng		97
33) 4-Chloroaniline	8.19	127	164441	44.10	ng	#	93
34) Hexachlorobutadiene	8.26	225	66200	42.31	ng		98
35) Caprolactam	8.57	113	32767	43.45	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	123212	45.90	ng		93
37) 2-Methylnaphthalene	8.83	142	266770	45.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	120471	43.76	ng		97
40) Hexachlorocyclopentadiene	8.99	237	23034	33.92	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	75285	45.41	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	74083	42.93	ng		94
45) 1,1'-Biphenyl	9.30	154	330804	40.86	ng		95
46) 2-Chloronaphthalene	9.32	162	251105	43.08	ng		94
47) 2-Nitroaniline	9.41	65	64424	40.54	ng		93
48) Acenaphthylene	9.73	152	393170	42.60	ng		100
49) Dimethylphthalate	9.60	163	280717	39.17	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	65205	43.11	ng		91
51) Acenaphthene	9.90	154	243320	44.34	ng		99
52) 3-Nitroaniline	9.82	138	68272	42.50	ng		97
53) 2,4-Dinitrophenol	9.94	184	24033	41.42	ng	#	67
54) Dibenzofuran	10.08	168	332969	40.53	ng		91
55) 4-Nitrophenol	10.01	139	44429	47.06	ng		94
56) 2,4-Dinitrotoluene	10.06	165	86499	45.49	ng		99
57) Fluorene	10.42	166	281221	43.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	66084	48.57	ng		92
59) Diethylphthalate	10.29	149	289532	41.11	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	114360	38.34	ng	#	81
61) 4-Nitroaniline	10.44	138	65962	40.13	ng		97
62) Azobenzene	10.57	77	270205	43.45	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	44690	24.20	ng		88
65) n-Nitrosodiphenylamine	10.53	169	264064	22.64	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	139667	38.56	ng	#	83
67) Hexachlorobenzene	10.97	284	143983	36.42	ng	#	79
68) Atrazine	11.06	200	123508	35.02	ng		99
69) Pentachlorophenol	11.17	266	55983	42.26	ng		97
70) Phenanthrene	11.38	178	660748	37.01	ng		98
71) Anthracene	11.44	178	715194	39.45	ng		99
72) Carbazole	11.58	167	716144	42.25	ng		100
73) Di-n-butylphthalate	11.92	149	788845	37.48	ng	#	98
74) Fluoranthene	12.57	202	736800	41.62	ng		98
76) Benzidine	12.68	184	300577	51.26	ng		99
77) Pyrene	12.80	202	727521	65.22	ng		100
79) Butylbenzylphthalate	13.41	149	226698	44.18	ng	#	81
80) Benzo(a)anthracene	13.99	228	387591	40.88	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	135277	37.94	ng	#	94
82) Chrysene	14.02	228	321715	36.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	318230	44.72	ng	#	96
84) Di-n-octyl phthalate	14.58	149	507618	46.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	270813	37.19	ng		100
87) Benzo(b)fluoranthene	15.01	252	308810m	39.66	ng		
88) Benzo(k)fluoranthene	15.05	252	319319m	43.12	ng		
89) Benzo(a)pyrene	15.37	252	294287	40.81	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	227524	38.08	ng	#	96
91) Benzo(g,h,i)perylene	17.25	276	218646	36.17	ng		98

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

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