Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080603.D
Acq On : 23 Jul 2015 20:42
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:47:19 PM

Quant Time: Jul 24 00:55:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	36117	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	141348	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	60637	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	105706	20.00	ng		0.00
75) Chrysene-d12	14.26	240	90655	20.00	ng		-0.05
86) Perylene-d12	15.91	264	61685	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	170487	81.53	ng		0.00
7) Phenol-d6	6.56	99	223515	87.44	ng		0.00
23) Nitrobenzene-d5	7.50	82	220120	88.24	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	40129	83.52	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	361503	86.50	ng		0.00
78) Terphenyl-d14	13.09	244	357461	82.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	38919	39.07	ng	#	100
3) Pyridine	3.25	79	110369	41.69	ng		94
4) n-Nitrosodimethylamine	3.17	42	67189	40.16	ng	#	94
6) Aniline	6.60	93	148496	39.75	ng		99
8) 2-Chlorophenol	6.73	128	89401	39.81	ng		98
9) Benzaldehyde	6.49	77	75820	40.11	ng		96
10) Phenol	6.57	94	142230	46.51	ng		97
11) bis(2-Chloroethyl)ether	6.67	93	86886	40.91	ng		96
12) 1,3-Dichlorobenzene	6.89	146	113834	39.98	ng		98
13) 1,4-Dichlorobenzene	6.97	146	110677	39.60	ng		99
14) 1,2-Dichlorobenzene	7.12	146	110341	42.59	ng		97
15) Benzyl Alcohol	7.08	79	89232	39.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	173012	40.19	ng		97
17) 2-Methylphenol	7.18	107	71921	40.63	ng		95
18) Hexachloroethane	7.47	117	39833	41.21	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	69800	40.30	ng		96
20) 3+4-Methylphenols	7.34	107	98988	40.45	ng		92
22) Acetophenone	7.36	105	135091	39.24	ng		99
24) Nitrobenzene	7.53	77	107691	40.39	ng		99
25) Isophorone	7.77	82	185011	40.04	ng		98
26) 2-Nitrophenol	7.85	139	40825	42.85	ng		96
27) 2,4-Dimethylphenol	7.88	122	81346	38.65	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	98816	38.70	ng		98
29) 2,4-Dichlorophenol	8.09	162	69059	40.12	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	90095	40.26	ng		98
31) Naphthalene	8.26	128	273426	38.67	ng		99
32) Benzoic acid	7.94	122	38902m	40.84	ng		
33) 4-Chloroaniline	8.30	127	110305	39.77	ng		96
34) Hexachlorobutadiene	8.38	225	54122	41.48	ng		94
35) Caprolactam	8.64	113	19895	42.92	ng	#	60
36) 4-Chloro-3-methylphenol	8.77	107	86979	42.48	ng		98
37) 2-Methylnaphthalene	8.94	142	160724	40.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	87197	42.53	ng		99
40) Hexachlorocyclopentadiene	9.10	237	44611	41.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	48166	41.88	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	52243	45.00	ng		98
45) 1,1'-Biphenyl	9.41	154	212835	43.12	ng		99
46) 2-Chloronaphthalene	9.44	162	175930	44.05	ng		95
47) 2-Nitroaniline	9.53	65	52792	43.35	ng		92
48) Acenaphthylene	9.86	152	250877	42.41	ng		99
49) Dimethylphthalate	9.71	163	187923	42.13	ng		100
50) 2,6-Dinitrotoluene	9.77	165	38851	46.56	ng		99
51) Acenaphthene	10.03	154	147646	41.55	ng		96
52) 3-Nitroaniline	9.94	138	37456	41.27	ng	#	98
53) 2,4-Dinitrophenol	10.04	184	8997	39.71	ng	#	78
54) Dibenzofuran	10.20	168	213225	41.52	ng		100
55) 4-Nitrophenol	10.08	139	29085	44.37	ng		90
56) 2,4-Dinitrotoluene	10.17	165	48871	46.75	ng	#	87
57) Fluorene	10.54	166	170945	41.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	38892	43.05	ng		98
59) Diethylphthalate	10.41	149	171578	41.21	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	79508	42.93	ng		96
61) 4-Nitroaniline	10.54	138	37456	40.98	ng		98
62) Azobenzene	10.69	77	187304	42.94	ng		97
64) 4,6-Dinitro-2-methylphenol	10.58	198	15711	45.75	ng	#	80
65) n-Nitrosodiphenylamine	10.65	169	155884	44.94	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	48935	45.54	ng	#	85
67) Hexachlorobenzene	11.09	284	49226	40.57	ng	#	91
68) Atrazine	11.17	200	45943	48.21	ng		99
69) Pentachlorophenol	11.28	266	26447	46.71	ng		95
70) Phenanthrene	11.51	178	259817	43.54	ng		99
71) Anthracene	11.55	178	244781	43.80	ng		99
72) Carbazole	11.71	167	212028	43.88	ng		99
73) Di-n-butylphthalate	12.04	149	222718	39.66	ng	#	98
74) Fluoranthene	12.71	202	240657	45.07	ng		97
76) Benzidine	12.83	184	117212	44.00	ng		98
77) Pyrene	12.95	202	249772	41.06	ng		98
79) Butylbenzylphthalate	13.62	149	82914	39.06	ng		97
80) Benzo(a)anthracene	14.25	228	216783	42.41	ng		99
81) 3,3'-Dichlorobenzidine	14.20	252	60346	41.31	ng	#	96
82) Chrysene	14.28	228	200642	39.45	ng		97
83) Bis(2-ethylhexyl)phthalate	14.26	149	119665	40.24	ng		98
84) Di-n-octyl phthalate	15.00	149	159111	39.40	ng		95
85) Indeno(1,2,3-cd)pyrene	17.41	276	151318	39.33	ng		98
87) Benzo(b)fluoranthene	15.46	252	172843	46.07	ng	#	95
88) Benzo(k)fluoranthene	15.49	252	149070m	39.92	ng		
89) Benzo(a)pyrene	15.85	252	143718	43.18	ng	#	91
90) Dibenzo(a,h)anthracene	17.44	278	125004	39.77	ng		98
91) Benzo(g,h,i)perylene	17.86	276	126698	39.46	ng		95

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

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