Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076858.D
Acq On : 14 Jan 2015 14:16
Operator : IZ / TP
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICCC040

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:33:06 PM

Quant Time: Jan 14 23:08:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 22:41:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34012	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	143940	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	81659	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	133063	20.00	ng	0.00
75) Chrysene-d12	21.31	240	124134	20.00	ng	0.00
86) Perylene-d12	23.00	264	114171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	173837	85.43	ng	0.00
7) Phenol-d6	7.42	99	219283	85.43	ng	0.00
23) Nitrobenzene-d5	9.32	82	222762	85.87	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	57385	84.50	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	448733	81.46	ng	0.00
78) Terphenyl-d14	20.04	244	465149	82.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.32	88	33537	39.26	ng	100
3) Pyridine	1.80	79	110241	45.41	ng	100
4) n-Nitrosodimethylamine	1.76	42	45742	40.12	ng	100
6) Aniline	7.30	93	153982	43.43	ng	100
8) 2-Chlorophenol	7.56	128	101518	42.04	ng	100
9) Benzaldehyde	7.03	77	53249	34.98	ng	100
10) Phenol	7.45	94	121066	43.16	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	89451	40.19	ng	100
12) 1,3-Dichlorobenzene	7.86	146	111681	41.67	ng	100
13) 1,4-Dichlorobenzene	8.06	146	117917	42.02	ng	100
14) 1,2-Dichlorobenzene	8.38	146	111475	42.55	ng	100
15) Benzyl Alcohol	8.45	79	90957	42.72	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.80	45	120784	40.29	ng	100
17) 2-Methylphenol	8.80	107	83619	43.14	ng	100
18) Hexachloroethane	9.12	117	42148	41.65	ng	100
19) n-Nitroso-di-n-propylamine	9.09	70	77930	42.69	ng	100
20) 3+4-Methylphenols	9.18	107	108348	42.45	ng	100
22) Acetophenone	9.01	105	150327	42.47	ng	100
24) Nitrobenzene	9.36	77	115227	43.97	ng	100
25) Isophorone	9.96	82	203534	43.10	ng	100
26) 2-Nitrophenol	10.10	139	56413	44.73	ng	100
27) 2,4-Dimethylphenol	10.37	122	89814	43.94	ng	100
28) bis(2-Chloroethoxy)methane	10.58	93	118445	42.60	ng	100
29) 2,4-Dichlorophenol	10.70	162	83606	43.43	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	93655	42.83	ng	100
31) Naphthalene	10.97	128	318479	42.93	ng	100
32) Benzoic acid	10.73	122	49297m	47.47	ng	
33) 4-Chloroaniline	11.21	127	127864	43.95	ng	100
34) Hexachlorobutadiene	11.34	225	54553	43.47	ng	100
35) Caprolactam	12.08	113	25233	43.60	ng	100
36) 4-Chloro-3-methylphenol	12.52	107	93964	43.82	ng	100
37) 2-Methylnaphthalene	12.63	142	213946	41.34	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	82784	41.06	ng	100
40) Hexachlorocyclopentadiene	13.03	237	40720	40.72	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	63618	43.31	ng		100
43) 2,4,5-Trichlorophenol	13.48	196	64610	42.02	ng		100
45) 1,1'-Biphenyl	13.80	154	258200	41.28	ng		100
46) 2-Chloronaphthalene	13.77	162	205855	41.17	ng		100
47) 2-Nitroaniline	14.11	65	65827	43.72	ng		100
48) Acenaphthylene	14.72	152	354326	41.57	ng		100
49) Dimethylphthalate	14.67	163	239146	40.71	ng		100
50) 2,6-Dinitrotoluene	14.76	165	51207	40.91	ng		100
51) Acenaphthene	15.15	154	199153	41.46	ng		100
52) 3-Nitroaniline	15.11	138	61648	42.60	ng		100
53) 2,4-Dinitrophenol	15.39	184	17404	52.96	ng		100
54) Dibenzofuran	15.57	168	287993	40.94	ng		100
55) 4-Nitrophenol	15.68	139	39176	41.85	ng		100
56) 2,4-Dinitrotoluene	15.68	165	69926	43.74	ng		100
57) Fluorene	16.28	166	243784	41.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	47280	42.28	ng		97
59) Diethylphthalate	16.27	149	244862	40.59	ng		100
60) 4-Chlorophenyl-phenylether	16.36	204	99596	39.69	ng		100
61) 4-Nitroaniline	16.41	138	59235	44.65	ng		100
62) Azobenzene	16.64	77	254860	41.04	ng		100
64) 4,6-Dinitro-2-methylphenol	16.48	198	35051	45.82	ng		100
65) n-Nitrosodiphenylamine	16.60	169	205512	42.55	ng		100
66) 4-Bromophenyl-phenylether	17.19	248	59144	43.05	ng		100
67) Hexachlorobenzene	17.21	284	59606	41.42	ng		100
68) Atrazine	17.56	200	65647	44.61	ng		100
69) Pentachlorophenol	17.57	266	24086	48.53	ng		100
70) Phenanthrene	17.85	178	347463	41.94	ng		100
71) Anthracene	17.93	178	337696	42.09	ng		100
72) Carbazole	18.21	167	334808	42.46	ng		100
73) Di-n-butylphthalate	18.79	149	393387	42.14	ng		100
74) Fluoranthene	19.49	202	367894	43.03	ng		100
76) Benzidine	19.72	184	158659	40.20	ng		100
77) Pyrene	19.77	202	373444	41.67	ng		100
79) Butylbenzylphthalate	20.70	149	175273	42.28	ng		100
80) Benzo(a)anthracene	21.29	228	337791	42.48	ng		100
81) 3,3'-Dichlorobenzidine	21.31	252	107112	42.13	ng		100
82) Chrysene	21.34	228	309407	42.98	ng		100
83) Bis(2-ethylhexyl)phthalate	21.44	149	230088	40.11	ng		100
84) Di-n-octyl phthalate	22.22	149	407141	41.89	ng		100
85) Indeno(1,2,3-cd)pyrene	24.16	276	330453	45.80	ng	#	84
87) Benzo(b)fluoranthene	22.57	252	293918	38.47	ng		100
88) Benzo(k)fluoranthene	22.61	252	306832m	43.65	ng		
89) Benzo(a)pyrene	22.94	252	286933	42.51	ng		100
90) Dibenzo(a,h)anthracene	24.20	278	264935	42.90	ng		100
91) Benzo(g,h,i)perylene	24.47	276	263179	41.85	ng		100

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

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