Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010915\
Data File : BF076792.D
Acq On : 9 Jan 2015 18:48
Operator : IZ / TP
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICCC040

Manual Integrations APPROVED
tejaskumar
1/12/2015 3:48:58 PM

Quant Time: Jan 09 23:26:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 09 22:49:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28582	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	123471	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	66658	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	111879	20.00	ng	0.00
75) Chrysene-d12	21.35	240	106239	20.00	ng	0.00
86) Perylene-d12	23.02	264	87765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	147291	86.11	ng	0.00
7) Phenol-d6	7.50	99	183962	88.04	ng	0.00
23) Nitrobenzene-d5	9.38	82	189253	89.33	ng	0.00
41) 2,4,6-Tribromophenol	16.78	330	47952	84.59	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	384264	88.08	ng	0.00
78) Terphenyl-d14	20.07	244	393354	81.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.35	88	31214	42.74	ng	100
3) Pyridine	1.86	79	69620	38.49	ng	100
4) n-Nitrosodimethylamine	1.81	42	43028	47.32	ng	100
6) Aniline	7.37	93	128723	43.23	ng	100
8) 2-Chlorophenol	7.62	128	84230	43.17	ng	100
9) Benzaldehyde	7.10	77	45013	30.01	ng	100
10) Phenol	7.52	94	100093	40.21	ng	100
11) bis(2-Chloroethyl)ether	7.61	93	78625	43.15	ng	100
12) 1,3-Dichlorobenzene	7.93	146	92906	41.32	ng	100
13) 1,4-Dichlorobenzene	8.13	146	99090	42.99	ng	100
14) 1,2-Dichlorobenzene	8.44	146	92589	42.47	ng	100
15) Benzyl Alcohol	8.52	79	77781	43.28	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.86	45	104394	40.14	ng	100
17) 2-Methylphenol	8.87	107	68282	42.74	ng	100
18) Hexachloroethane	9.19	117	36032	43.66	ng	100
19) n-Nitroso-di-n-propylamine	9.14	70	64881	42.44	ng	100
20) 3+4-Methylphenols	9.25	107	90274	41.86	ng	100
22) Acetophenone	9.06	105	128408	42.88	ng	100
24) Nitrobenzene	9.42	77	97812	44.63	ng	100
25) Isophorone	10.01	82	171691	42.43	ng	100
26) 2-Nitrophenol	10.16	139	46060	43.47	ng	100
27) 2,4-Dimethylphenol	10.44	122	74319	43.15	ng	100
28) bis(2-Chloroethoxy)methane	10.64	93	98271	41.80	ng	100
29) 2,4-Dichlorophenol	10.77	162	73805	43.42	ng	100
30) 1,2,4-Trichlorobenzene	10.90	180	79186	43.38	ng	100
31) Naphthalene	11.04	128	264835	42.71	ng	100
32) Benzoic acid	10.78	122	36884m	38.38	ng	
33) 4-Chloroaniline	11.28	127	105667	42.15	ng	100
34) Hexachlorobutadiene	11.41	225	45121	42.38	ng	100
35) Caprolactam	12.13	113	20709	42.28	ng	100
36) 4-Chloro-3-methylphenol	12.59	107	80524	43.14	ng	100
37) 2-Methylnaphthalene	12.70	142	185125	42.94	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	70461	42.61	ng	100
40) Hexachlorocyclopentadiene	13.09	237	34829	43.26	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.44	196	53050	44.05	ng		100
43) 2,4,5-Trichlorophenol	13.55	196	55591	43.23	ng		100
45) 1,1'-Biphenyl	13.85	154	216184	43.35	ng		100
46) 2-Chloronaphthalene	13.83	162	178446	44.55	ng		100
47) 2-Nitroaniline	14.17	65	53284	44.24	ng		100
48) Acenaphthylene	14.78	152	295101	43.55	ng		100
49) Dimethylphthalate	14.71	163	209032	43.59	ng		100
50) 2,6-Dinitrotoluene	14.81	165	43088	44.08	ng		100
51) Acenaphthene	15.20	154	168542	43.84	ng		100
52) 3-Nitroaniline	15.17	138	48548	44.20	ng		100
53) 2,4-Dinitrophenol	15.44	184	9945	25.21	ng		100
54) Dibenzofuran	15.63	168	242552	43.71	ng		100
55) 4-Nitrophenol	15.76	139	31110	36.69	ng		100
56) 2,4-Dinitrotoluene	15.73	165	58969	45.35	ng		100
57) Fluorene	16.32	166	204885	43.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.95	232	37983	40.28	ng		96
59) Diethylphthalate	16.31	149	218288	44.48	ng		100
60) 4-Chlorophenyl-phenylether	16.41	204	86708	43.03	ng		100
61) 4-Nitroaniline	16.46	138	49198	42.82	ng		100
62) Azobenzene	16.69	77	221191	46.10	ng		100
64) 4,6-Dinitro-2-methylphenol	16.52	198	27414	39.19	ng		100
65) n-Nitrosodiphenylamine	16.64	169	173497	43.52	ng		100
66) 4-Bromophenyl-phenylether	17.24	248	51335	46.02	ng		100
67) Hexachlorobenzene	17.26	284	51465	40.37	ng		100
68) Atrazine	17.59	200	53346	44.74	ng		100
69) Pentachlorophenol	17.61	266	17919	30.27	ng		100
70) Phenanthrene	17.89	178	293805	43.06	ng		100
71) Anthracene	17.97	178	291001	43.18	ng		100
72) Carbazole	18.25	167	283975	43.68	ng		100
73) Di-n-butylphthalate	18.83	149	341702	42.86	ng		100
74) Fluoranthene	19.53	202	295875	42.38	ng		100
76) Benzidine	19.76	184	120389	28.66	ng		100
77) Pyrene	19.81	202	312396	41.58	ng		100
79) Butylbenzylphthalate	20.73	149	150013	41.87	ng		100
80) Benzo(a)anthracene	21.34	228	278403	41.63	ng		100
81) 3,3'-Dichlorobenzidine	21.34	252	87634	39.85	ng		100
82) Chrysene	21.37	228	253840	41.55	ng		100
83) Bis(2-ethylhexyl)phthalate	21.47	149	198742	37.38	ng		100
84) Di-n-octyl phthalate	22.24	149	342083	37.56	ng		100
85) Indeno(1,2,3-cd)pyrene	24.17	276	252417	37.86	ng	#	100
87) Benzo(b)fluoranthene	22.60	252	283646	47.54	ng		100
88) Benzo(k)fluoranthene	22.63	252	211826m	39.66	ng		
89) Benzo(a)pyrene	22.96	252	230495	44.06	ng		100
90) Dibenzo(a,h)anthracene	24.21	278	206361	40.49	ng		100
91) Benzo(g,h,i)perylene	24.48	276	208310	41.74	ng		100

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

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