Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076861.D
Acq On : 14 Jan 2015 15:59
Operator : IZ / TP
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDICC080

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:28:17 PM

Quant Time: Jan 14 23:15:11 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	31653	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134635	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	73626	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	125823	20.00	ng	0.00
75) Chrysene-d12	21.32	240	123539	20.00	ng	0.01
86) Perylene-d12	22.99	264	107542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	330608	174.58	ng	0.01
7) Phenol-d6	7.43	99	409704	171.52	ng	0.01
23) Nitrobenzene-d5	9.33	82	413739	170.52	ng	0.01
41) 2,4,6-Tribromophenol	16.73	330	100546	164.20	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	775722	156.18	ng	0.00
78) Terphenyl-d14	20.04	244	851474	151.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.30	88	65735	82.70	ng	98
3) Pyridine	1.80	79	166183	73.55	ng	94
4) n-Nitrosodimethylamine	1.76	42	82251	77.51	ng	99
6) Aniline	7.32	93	280388	84.98	ng	97
8) 2-Chlorophenol	7.56	128	184313	82.02	ng	97
9) Benzaldehyde	7.03	77	90068	63.59	ng	99
10) Phenol	7.45	94	218779	83.81	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	167137	80.69	ng	95
12) 1,3-Dichlorobenzene	7.88	146	209044	83.81	ng	95
13) 1,4-Dichlorobenzene	8.06	146	215552	82.53	ng	98
14) 1,2-Dichlorobenzene	8.38	146	206710	84.79	ng	98
15) Benzyl Alcohol	8.46	79	171238	86.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	212962	76.32	ng	83
17) 2-Methylphenol	8.80	107	148793	82.49	ng	95
18) Hexachloroethane	9.12	117	76584	81.33	ng	97
19) n-Nitroso-di-n-propylamine	9.10	70	139866	82.33	ng	98
20) 3+4-Methylphenols	9.19	107	197557	83.18	ng	88
22) Acetophenone	9.02	105	274628	82.95	ng	97
24) Nitrobenzene	9.37	77	210365	85.82	ng	99
25) Isophorone	9.97	82	362451	82.05	ng	97
26) 2-Nitrophenol	10.10	139	105213	89.18	ng	94
27) 2,4-Dimethylphenol	10.38	122	160160	83.78	ng	97
28) bis(2-Chloroethoxy)methane	10.58	93	205951	79.19	ng	99
29) 2,4-Dichlorophenol	10.70	162	158947	88.28	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	169936	83.09	ng	98
31) Naphthalene	10.99	128	571789	82.40	ng	98
32) Benzoic acid	10.78	122	87661m	90.25	ng	
33) 4-Chloroaniline	11.23	127	231052	84.90	ng	95
34) Hexachlorobutadiene	11.34	225	94229	80.28	ng	94
35) Caprolactam	12.13	113	43101m	79.63	ng	
36) 4-Chloro-3-methylphenol	12.53	107	174633	87.06	ng	98
37) 2-Methylnaphthalene	12.64	142	388091	80.18	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	147002	80.87	ng	98
40) Hexachlorocyclopentadiene	13.03	237	80079	88.82	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	110440	83.40	ng		95
43) 2,4,5-Trichlorophenol	13.48	196	117073	84.45	ng		97
45) 1,1'-Biphenyl	13.80	154	454020	80.51	ng		98
46) 2-Chloronaphthalene	13.77	162	372121	82.54	ng		98
47) 2-Nitroaniline	14.12	65	121356	89.39	ng		91
48) Acenaphthylene	14.73	152	638115	83.03	ng		99
49) Dimethylphthalate	14.68	163	423883	80.03	ng		99
50) 2,6-Dinitrotoluene	14.77	165	92302	81.79	ng		95
51) Acenaphthene	15.16	154	354331	81.81	ng		95
52) 3-Nitroaniline	15.12	138	113617	87.07	ng		99
53) 2,4-Dinitrophenol	15.39	184	40782	137.64	ng		93
54) Dibenzofuran	15.58	168	512380	80.79	ng		96
55) 4-Nitrophenol	15.69	139	74112	87.81	ng	#	85
56) 2,4-Dinitrotoluene	15.69	165	129733	90.01	ng		95
57) Fluorene	16.28	166	441150	83.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	85114	84.41	ng		97
59) Diethylphthalate	16.28	149	428527	78.78	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	175333	77.50	ng		88
61) 4-Nitroaniline	16.43	138	107307	89.71	ng		99
62) Azobenzene	16.64	77	439953	78.57	ng		97
64) 4,6-Dinitro-2-methylphenol	16.48	198	65714	90.84	ng	#	71
65) n-Nitrosodiphenylamine	16.61	169	361260	79.10	ng		98
66) 4-Bromophenyl-phenylether	17.20	248	103068	79.34	ng	#	77
67) Hexachlorobenzene	17.21	284	109945	80.79	ng		92
68) Atrazine	17.56	200	103796	74.59	ng		96
69) Pentachlorophenol	17.57	266	49498	105.48	ng		96
70) Phenanthrene	17.85	178	598278	76.37	ng		99
71) Anthracene	17.93	178	621765	81.95	ng		99
72) Carbazole	18.22	167	632053	84.76	ng		99
73) Di-n-butylphthalate	18.79	149	674577	76.42	ng		98
74) Fluoranthene	19.49	202	638561	78.98	ng		97
76) Benzidine	19.73	184	276779	70.46	ng	#	95
77) Pyrene	19.77	202	664965	74.56	ng		99
79) Butylbenzylphthalate	20.70	149	312895	75.85	ng		94
80) Benzo(a)anthracene	21.31	228	630226	79.63	ng		100
81) 3,3'-Dichlorobenzidine	21.31	252	185314	73.25	ng	#	96
82) Chrysene	21.35	228	582809	81.35	ng		98
83) Bis(2-ethylhexyl)phthalate	21.44	149	415833	72.83	ng		99
84) Di-n-octyl phthalate	22.21	149	721929	74.64	ng		98
85) Indeno(1,2,3-cd)pyrene	24.14	276	652820	90.92	ng	#	83
87) Benzo(b)fluoranthene	22.57	252	632308	87.86	ng	#	95
88) Benzo(k)fluoranthene	22.60	252	521811m	78.81	ng		
89) Benzo(a)pyrene	22.93	252	534327	84.04	ng	#	98
90) Dibenzo(a,h)anthracene	24.16	278	514992	88.53	ng	#	93
91) Benzo(g,h,i)perylene	24.45	276	516645	87.23	ng		98

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

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