Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076857.D
Acq On : 14 Jan 2015 13:41
Operator : IZ / TP
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDICC025

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:26:05 PM

Quant Time: Jan 14 23:06:48 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	31610	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	137322	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	74847	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	126526	20.00	ng		0.00
75) Chrysene-d12	21.31	240	130342	20.00	ng		0.00
86) Perylene-d12	23.02	264	117560	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	98739	52.21	ng		0.01
7) Phenol-d6	7.42	99	129828	54.42	ng		0.00
23) Nitrobenzene-d5	9.32	82	126766	51.22	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	31231	50.17	ng		0.00
44) 2-Fluorobiphenyl	13.59	172	247275	48.97	ng		0.00
78) Terphenyl-d14	20.04	244	279503	47.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.32	88	18853	23.75	ng		96
3) Pyridine	1.82	79	59347	26.30	ng		92
4) n-Nitrosodimethylamine	1.76	42	29958	28.27	ng		100
6) Aniline	7.30	93	83933	25.47	ng		98
8) 2-Chlorophenol	7.56	128	57015	25.41	ng		98
9) Benzaldehyde	7.03	77	41481	29.32	ng		99
10) Phenol	7.44	94	66942	25.68	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	50983	24.65	ng		95
12) 1,3-Dichlorobenzene	7.86	146	64510	25.90	ng		98
13) 1,4-Dichlorobenzene	8.06	146	68280	26.18	ng		98
14) 1,2-Dichlorobenzene	8.38	146	62820	25.80	ng		96
15) Benzyl Alcohol	8.45	79	51563	26.06	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	68262	24.50	ng		95
17) 2-Methylphenol	8.79	107	46773	25.97	ng		96
18) Hexachloroethane	9.12	117	23947	25.46	ng		99
19) n-Nitroso-di-n-propylamine	9.08	70	42411	25.00	ng		96
20) 3+4-Methylphenols	9.18	107	60858	25.66	ng		96
22) Acetophenone	9.01	105	85239	25.24	ng		98
24) Nitrobenzene	9.36	77	64856	25.94	ng		96
25) Isophorone	9.96	82	113590	25.21	ng		96
26) 2-Nitrophenol	10.09	139	29482	24.50	ng	#	79
27) 2,4-Dimethylphenol	10.37	122	48612	24.93	ng	#	90
28) bis(2-Chloroethoxy)methane	10.57	93	64850	24.45	ng		96
29) 2,4-Dichlorophenol	10.70	162	46100	25.10	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	51226	24.56	ng		94
31) Naphthalene	10.97	128	177154	25.03	ng		100
32) Benzoic acid	10.69	122	29171m	29.44	ng		
33) 4-Chloroaniline	11.21	127	73951	26.64	ng		96
34) Hexachlorobutadiene	11.34	225	29859	24.94	ng		96
35) Caprolactam	12.02	113	13361m	24.20	ng		
36) 4-Chloro-3-methylphenol	12.52	107	53111	25.96	ng		99
37) 2-Methylnaphthalene	12.63	142	121255	24.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	47321	25.61	ng		98
40) Hexachlorocyclopentadiene	13.03	237	18457	20.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	34167	25.38	ng		94
43) 2,4,5-Trichlorophenol	13.47	196	35838	25.43	ng		92
45) 1,1'-Biphenyl	13.79	154	141131	24.62	ng		97
46) 2-Chloronaphthalene	13.76	162	116334	25.38	ng		97
47) 2-Nitroaniline	14.11	65	35463	25.70	ng		92
48) Acenaphthylene	14.72	152	193401	24.75	ng		100
49) Dimethylphthalate	14.65	163	132889	24.68	ng		99
50) 2,6-Dinitrotoluene	14.76	165	26685	23.26	ng		97
51) Acenaphthene	15.15	154	111975	25.43	ng		95
52) 3-Nitroaniline	15.10	138	33106	24.96	ng		94
53) 2,4-Dinitrophenol	15.39	184	6649	22.07	ng		94
54) Dibenzofuran	15.57	168	161975	25.12	ng		99
55) 4-Nitrophenol	15.69	139	18488m	21.55	ng		
56) 2,4-Dinitrotoluene	15.68	165	36688	25.04	ng		96
57) Fluorene	16.28	166	135261	25.12	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.90	232	24600	24.00	ng		95
59) Diethylphthalate	16.27	149	136195	24.63	ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	54560	23.72	ng	#	96
61) 4-Nitroaniline	16.40	138	32207	26.49	ng		100
62) Azobenzene	16.64	77	140952	24.76	ng		96
64) 4,6-Dinitro-2-methylphenol	16.47	198	17444	23.98	ng		79
65) n-Nitrosodiphenylamine	16.60	169	113725	24.76	ng		97
66) 4-Bromophenyl-phenylether	17.19	248	31384	24.03	ng		99
67) Hexachlorobenzene	17.21	284	32722	23.91	ng		98
68) Atrazine	17.56	200	36532	26.11	ng		97
69) Pentachlorophenol	17.57	266	11149	23.63	ng		92
70) Phenanthrene	17.85	178	203739	25.86	ng		98
71) Anthracene	17.92	178	198508	26.02	ng		100
72) Carbazole	18.21	167	197974	26.40	ng		98
73) Di-n-butylphthalate	18.79	149	226931	25.56	ng		99
74) Fluoranthene	19.49	202	207739	25.55	ng		98
76) Benzidine	19.72	184	121267	29.26	ng		99
77) Pyrene	19.77	202	223692	23.77	ng		99
79) Butylbenzylphthalate	20.70	149	99642	22.89	ng		99
80) Benzo(a)anthracene	21.29	228	203575	24.38	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	66979	25.09	ng		99
82) Chrysene	21.34	228	185196	24.50	ng		99
83) Bis(2-ethylhexyl)phthalate	21.44	149	141501	23.49	ng		99
84) Di-n-octyl phthalate	22.22	149	243855	23.90	ng		98
85) Indeno(1,2,3-cd)pyrene	24.20	276	204657m	27.02	ng		
87) Benzo(b)fluoranthene	22.59	252	199278	25.33	ng	#	95
88) Benzo(k)fluoranthene	22.61	252	178644m	24.68	ng		
89) Benzo(a)pyrene	22.95	252	175598	25.27	ng		99
90) Dibenzo(a,h)anthracene	24.22	278	160999	25.32	ng	#	94
91) Benzo(g,h,i)perylene	24.49	276	164901	25.47	ng	#	95

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

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