Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078159.D
Acq On : 1 Apr 2015 18:37
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
4/2/2015 5:50:44 PM

Quant Time: Apr 02 03:42:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 02:08:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36645	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	152092	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	77560	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	145869	20.00	ng		0.00
75) Chrysene-d12	15.87	240	145539	20.00	ng		0.00
86) Perylene-d12	17.59	264	140239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	222680	104.89	ng		0.00
7) Phenol-d6	6.60	99	267936	102.45	ng		0.00
23) Nitrobenzene-d5	7.72	82	251039	106.32	ng		0.01
41) 2,4,6-Tribromophenol	11.74	330	66406	90.73	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	508088	95.51	ng		0.00
78) Terphenyl-d14	14.59	244	637322	106.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	48807	50.86	ng		97
3) Pyridine	2.49	79	120609	46.28	ng		98
4) n-Nitrosodimethylamine	2.43	42	47600	43.65	ng		98
6) Aniline	6.61	93	188830	50.39	ng	#	95
8) 2-Chlorophenol	6.75	128	129058	51.02	ng		99
9) Benzaldehyde	6.46	77	93457	79.22	ng		99
10) Phenol	6.62	94	164579	52.85	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	116984	50.54	ng		98
12) 1,3-Dichlorobenzene	6.94	146	139328	49.79	ng	#	91
13) 1,4-Dichlorobenzene	7.04	146	141614	48.85	ng		98
14) 1,2-Dichlorobenzene	7.22	146	131712	49.41	ng		99
15) Benzyl Alcohol	7.22	79	96816	48.05	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.39	45	157020	50.40	ng		99
17) 2-Methylphenol	7.37	107	101992	50.01	ng		98
18) Hexachloroethane	7.64	117	48569	50.72	ng		97
19) n-Nitroso-di-n-propylamine	7.55	70	93758	51.82	ng		98
20) 3+4-Methylphenols	7.56	107	135448	50.27	ng		99
22) Acetophenone	7.54	105	176265	51.74	ng	#	99
24) Nitrobenzene	7.74	77	127727	50.42	ng		98
25) Isophorone	8.04	82	241264	50.98	ng		98
26) 2-Nitrophenol	8.13	139	64815	52.46	ng		96
27) 2,4-Dimethylphenol	8.21	122	115346	51.18	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	148490	51.26	ng		100
29) 2,4-Dichlorophenol	8.44	162	105142	49.39	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	115822	48.61	ng		99
31) Naphthalene	8.62	128	382326	48.75	ng		99
32) Benzoic acid	8.34	122	53401	50.07	ng		97
33) 4-Chloroaniline	8.70	127	162092	50.58	ng		98
34) Hexachlorobutadiene	8.78	225	65653	48.56	ng		99
35) Caprolactam	9.14	113	32154	51.15	ng		92
36) 4-Chloro-3-methylphenol	9.32	107	107398	49.77	ng		99
37) 2-Methylnaphthalene	9.48	142	259624	49.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	117951	50.52	ng		99
40) Hexachlorocyclopentadiene	9.68	237	47391	49.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	76452	48.12	ng		97
43) 2,4,5-Trichlorophenol	9.88	196	78382	45.61	ng		98
45) 1,1'-Biphenyl	10.06	154	308307	49.56	ng		99
46) 2-Chloronaphthalene	10.08	162	237099	46.99	ng		99
47) 2-Nitroaniline	10.22	65	63791	51.13	ng	#	47
48) Acenaphthylene	10.59	152	396514	47.34	ng		100
49) Dimethylphthalate	10.46	163	282116	48.89	ng	#	97
50) 2,6-Dinitrotoluene	10.53	165	62513	52.11	ng	#	87
51) Acenaphthene	10.81	154	217544	45.74	ng		100
52) 3-Nitroaniline	10.73	138	66810	47.94	ng		93
53) 2,4-Dinitrophenol	10.86	184	18396	51.67	ng		93
54) Dibenzofuran	11.01	168	322075	45.43	ng		99
55) 4-Nitrophenol	10.97	139	46423	46.09	ng		99
56) 2,4-Dinitrotoluene	11.02	165	81023	51.63	ng		94
57) Fluorene	11.44	166	274267	46.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	59735	45.33	ng		99
59) Diethylphthalate	11.33	149	275443	48.92	ng		100
60) 4-Chlorophenyl-phenylether	11.46	204	126314	46.98	ng		97
61) 4-Nitroaniline	11.48	138	68917	49.31	ng		96
62) Azobenzene	11.65	77	246640	46.87	ng		82
64) 4,6-Dinitro-2-methylphenol	11.53	198	35198	61.64	ng	#	51
65) n-Nitrosodiphenylamine	11.61	169	244604	50.10	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	72659	46.72	ng		95
67) Hexachlorobenzene	12.11	284	81146	47.42	ng		99
68) Atrazine	12.28	200	72499	52.40	ng		98
69) Pentachlorophenol	12.36	266	33223	44.93	ng		98
70) Phenanthrene	12.63	178	399525	47.48	ng		99
71) Anthracene	12.68	178	398526	47.74	ng		99
72) Carbazole	12.90	167	376004	47.19	ng		99
73) Di-n-butylphthalate	13.36	149	445269	49.93	ng		99
74) Fluoranthene	14.09	202	436306	47.75	ng		98
76) Benzidine	14.28	184	279078	65.34	ng		98
77) Pyrene	14.37	202	449157	49.71	ng		100
79) Butylbenzylphthalate	15.21	149	184354	51.09	ng		96
80) Benzo(a)anthracene	15.86	228	428902	49.10	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	152983	52.94	ng		98
82) Chrysene	15.91	228	392573	50.30	ng		98
83) Bis(2-ethylhexyl)phthalate	15.94	149	290243	52.39	ng		100
84) Di-n-octyl phthalate	16.72	149	483011	51.23	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.90	276	461840	47.45	ng	#	86
87) Benzo(b)fluoranthene	17.14	252	435508	48.09	ng	#	97
88) Benzo(k)fluoranthene	17.17	252	363200m	49.50	ng		
89) Benzo(a)pyrene	17.52	252	369797	48.12	ng	#	93
90) Dibenzo(a,h)anthracene	18.92	278	374734	49.09	ng		98
91) Benzo(g,h,i)perylene	19.28	276	371731	48.14	ng		98

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

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