Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078056.D
Acq On : 28 Mar 2015 00:33
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/30/2015 6:31:04 PM

Quant Time: Mar 30 11:44:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	61020	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	253312	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	128848	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	244025	20.00	ng		0.00
75) Chrysene-d12	15.93	240	264364	20.00	ng		0.00
86) Perylene-d12	17.61	264	257948	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	283197	81.01	ng		0.00
7) Phenol-d6	6.67	99	346277	80.17	ng		0.00
23) Nitrobenzene-d5	7.78	82	331476	85.78	ng		0.00
41) 2,4,6-Tribromophenol	11.80	330	93390	75.75	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	631628	72.04	ng		0.00
78) Terphenyl-d14	14.65	244	761398	70.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	58275	36.72	ng	#	100
3) Pyridine	2.58	79	145296	34.07	ng		99
4) n-Nitrosodimethylamine	2.52	42	62614	33.72	ng		96
6) Aniline	6.67	93	242492	39.25	ng		93
8) 2-Chlorophenol	6.81	128	164295	39.48	ng		94
9) Benzaldehyde	6.52	77	91105	51.49	ng		93
10) Phenol	6.68	94	202372	39.64	ng	#	77
11) bis(2-Chloroethyl)ether	6.77	93	158731	41.51	ng		96
12) 1,3-Dichlorobenzene	7.00	146	181359	39.19	ng		96
13) 1,4-Dichlorobenzene	7.09	146	186865	38.86	ng	#	94
14) 1,2-Dichlorobenzene	7.28	146	170674	38.71	ng		93
15) Benzyl Alcohol	7.28	79	132427	39.28	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	209208	40.59	ng		97
17) 2-Methylphenol	7.42	107	133528	39.42	ng	#	94
18) Hexachloroethane	7.70	117	64748	41.05	ng	#	82
19) n-Nitroso-di-n-propylamine	7.61	70	121880	40.79	ng	#	91
20) 3+4-Methylphenols	7.62	107	182754	41.11	ng		90
22) Acetophenone	7.58	105	224945	40.11	ng	#	99
24) Nitrobenzene	7.80	77	171278	41.14	ng	#	79
25) Isophorone	8.10	82	316927	40.61	ng		98
26) 2-Nitrophenol	8.19	139	89491	43.91	ng		98
27) 2,4-Dimethylphenol	8.27	122	150442	40.52	ng		97
28) bis(2-Chloroethoxy)methane	8.38	93	196797	41.55	ng		99
29) 2,4-Dichlorophenol	8.50	162	138991	39.27	ng		97
30) 1,2,4-Trichlorobenzene	8.59	180	153565	38.78	ng		99
31) Naphthalene	8.68	128	519217	39.91	ng		100
32) Benzoic acid	8.41	122	77255	37.99	ng		97
33) 4-Chloroaniline	8.76	127	206321	39.08	ng	#	94
34) Hexachlorobutadiene	8.83	225	88583	39.47	ng		97
35) Caprolactam	9.21	113	43561	42.11	ng		92
36) 4-Chloro-3-methylphenol	9.39	107	140025	39.32	ng		96
37) 2-Methylnaphthalene	9.54	142	347077	39.71	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	145127	37.76	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	64972	35.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	100915	37.91	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	112773	39.21	ng		98
45) 1,1'-Biphenyl	10.12	154	401793	39.01	ng		99
46) 2-Chloronaphthalene	10.13	162	313123	37.41	ng	#	92
47) 2-Nitroaniline	10.28	65	83550	40.19	ng	#	73
48) Acenaphthylene	10.65	152	538895	38.72	ng		100
49) Dimethylphthalate	10.51	163	369365	38.65	ng		99
50) 2,6-Dinitrotoluene	10.59	165	82669	41.73	ng	#	73
51) Acenaphthene	10.86	154	306649	38.42	ng		99
52) 3-Nitroaniline	10.78	138	85988	37.38	ng	#	74
53) 2,4-Dinitrophenol	10.92	184	20885	33.87	ng	#	80
54) Dibenzofuran	11.07	168	437424	36.95	ng		92
55) 4-Nitrophenol	11.02	139	61192	35.91	ng	#	76
56) 2,4-Dinitrotoluene	11.08	165	110193	42.66	ng	#	66
57) Fluorene	11.49	166	369301	37.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	83257	37.60	ng	#	100
59) Diethylphthalate	11.39	149	370292	39.77	ng		99
60) 4-Chlorophenyl-phenylether	11.52	204	166613	37.14	ng		91
61) 4-Nitroaniline	11.54	138	93220	40.66	ng		78
62) Azobenzene	11.70	77	371652	41.76	ng		90
64) 4,6-Dinitro-2-methylphenol	11.58	198	42821	38.14	ng	#	65
65) n-Nitrosodiphenylamine	11.66	169	326610	40.20	ng		98
66) 4-Bromophenyl-phenylether	12.11	248	99860	38.35	ng	#	85
67) Hexachlorobenzene	12.17	284	107412	37.54	ng	#	88
68) Atrazine	12.34	200	86747	38.10	ng		96
69) Pentachlorophenol	12.43	266	41234	29.53	ng		99
70) Phenanthrene	12.68	178	542847	38.75	ng		99
71) Anthracene	12.75	178	550852	39.80	ng		99
72) Carbazole	12.96	167	505383	38.39	ng		100
73) Di-n-butylphthalate	13.41	149	609953	41.32	ng		100
74) Fluoranthene	14.16	202	633890	41.02	ng		99
76) Benzidine	14.34	184	235622	35.98	ng		98
77) Pyrene	14.43	202	616920	37.11	ng		100
79) Butylbenzylphthalate	15.27	149	273562	41.74	ng	#	86
80) Benzo(a)anthracene	15.92	228	591077	37.72	ng		100
81) 3,3'-Dichlorobenzidine	15.91	252	208161	40.27	ng	#	98
82) Chrysene	15.96	228	558852	39.66	ng		100
83) Bis(2-ethylhexyl)phthalate	15.99	149	407490	41.04	ng	#	97
84) Di-n-octyl phthalate	16.76	149	695855	40.99	ng		98
85) Indeno(1,2,3-cd)pyrene	18.95	276	726210	41.29	ng	#	100
87) Benzo(b)fluoranthene	17.19	252	592005	35.16	ng		98
88) Benzo(k)fluoranthene	17.22	252	606170m	46.08	ng		
89) Benzo(a)pyrene	17.55	252	561057	39.93	ng	#	97
90) Dibenzo(a,h)anthracene	18.98	278	571998	41.04	ng		99
91) Benzo(g,h,i)perylene	19.35	276	575992	40.60	ng		98

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

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