Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078975.D
Acq On : 6 May 2015 22:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/7/2015 1:58:42 PM

Quant Time: May 07 02:33:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	85415	20.00	ng		0.00
21) Naphthalene-d8	8.92	136	353537	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	181502	20.00	ng		0.01
63) Phenanthrene-d10	12.95	188	348461	20.00	ng		0.00
75) Chrysene-d12	16.26	240	395009	20.00	ng		-0.05
86) Perylene-d12	18.03	264	432329	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	374982	75.57	ng		0.01
7) Phenol-d6	6.90	99	499567	76.17	ng		0.01
23) Nitrobenzene-d5	8.04	82	502876	81.75	ng		0.01
41) 2,4,6-Tribromophenol	12.09	330	163418	83.23	ng		0.01
44) 2-Fluorobiphenyl	10.27	172	925405	71.03	ng		0.00
78) Terphenyl-d14	14.95	244	1118862m	67.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	80307	37.22	ng	#	23
3) Pyridine	3.06	79	240549	38.10	ng		98
4) n-Nitrosodimethylamine	2.98	42	103595	38.29	ng		88
6) Aniline	6.94	93	361531	39.05	ng		95
8) 2-Chlorophenol	7.08	128	223129	39.65	ng		91
9) Benzaldehyde	6.80	77	165146	37.37	ng		93
10) Phenol	6.92	94	287773	37.82	ng		97
11) bis(2-Chloroethyl)ether	7.04	93	220156	39.47	ng		91
12) 1,3-Dichlorobenzene	7.28	146	241510	38.18	ng	#	91
13) 1,4-Dichlorobenzene	7.37	146	243100	37.34	ng		97
14) 1,2-Dichlorobenzene	7.55	146	229594	37.88	ng		96
15) Benzyl Alcohol	7.53	79	196106	40.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.71	45	318062	37.27	ng		96
17) 2-Methylphenol	7.67	107	175750	38.81	ng		97
18) Hexachloroethane	7.98	117	77589	34.60	ng		94
19) n-Nitroso-di-n-propylamine	7.86	70	167146	37.73	ng		91
20) 3+4-Methylphenols	7.86	107	234233	38.81	ng	#	75
22) Acetophenone	7.86	105	309865	38.79	ng	#	97
24) Nitrobenzene	8.07	77	251823	41.30	ng	#	89
25) Isophorone	8.36	82	461078	40.43	ng		95
26) 2-Nitrophenol	8.46	139	105500	41.80	ng	#	84
27) 2,4-Dimethylphenol	8.51	122	201199	39.84	ng		98
28) bis(2-Chloroethoxy)methane	8.64	93	272743	38.80	ng		98
29) 2,4-Dichlorophenol	8.75	162	189478	42.19	ng		99
30) 1,2,4-Trichlorobenzene	8.86	180	186251	37.76	ng		95
31) Naphthalene	8.96	128	659184	39.13	ng		98
32) Benzoic acid	8.63	122	137926	44.18	ng		97
33) 4-Chloroaniline	9.03	127	294715	41.35	ng		94
34) Hexachlorobutadiene	9.11	225	107406	37.81	ng		98
35) Caprolactam	9.46	113	63967	44.05	ng	#	85
36) 4-Chloro-3-methylphenol	9.62	107	197467	41.86	ng		92
37) 2-Methylnaphthalene	9.82	142	472048	40.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	191187	37.40	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	20153	7.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	132216	37.62	ng		93
43) 2,4,5-Trichlorophenol	10.20	196	138443	38.97	ng		96
45) 1,1'-Biphenyl	10.40	154	528646	36.64	ng		98
46) 2-Chloronaphthalene	10.42	162	413781	36.76	ng		95
47) 2-Nitroaniline	10.55	65	140910	43.21	ng	#	82
48) Acenaphthylene	10.94	152	697052	37.72	ng		99
49) Dimethylphthalate	10.79	163	469140	35.22	ng		99
50) 2,6-Dinitrotoluene	10.86	165	104286	39.67	ng	#	80
51) Acenaphthene	11.14	154	387640	35.18	ng		98
52) 3-Nitroaniline	11.06	138	141226	43.01	ng	#	91
53) 2,4-Dinitrophenol	11.19	184	7889	15.69	ng		92
54) Dibenzofuran	11.36	168	576195	36.20	ng		98
55) 4-Nitrophenol	11.27	139	102928	39.60	ng		89
56) 2,4-Dinitrotoluene	11.35	165	128364	36.94	ng		96
57) Fluorene	11.79	166	493152	37.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.51	232	109832	37.83	ng	#	100
59) Diethylphthalate	11.66	149	464462	35.19	ng		96
60) 4-Chlorophenyl-phenylether	11.79	204	205403	35.44	ng		93
61) 4-Nitroaniline	11.82	138	153334	46.67	ng		93
62) Azobenzene	11.99	77	477763	36.74	ng		95
64) 4,6-Dinitro-2-methylphenol	11.85	198	17641	16.79	ng		90
65) n-Nitrosodiphenylamine	11.94	169	437807	37.73	ng		99
66) 4-Bromophenyl-phenylether	12.40	248	132070	36.36	ng	#	89
67) Hexachlorobenzene	12.47	284	155172	37.38	ng	#	84
68) Atrazine	12.62	200	124242	36.82	ng		96
69) Pentachlorophenol	12.71	266	82834	38.03	ng		94
70) Phenanthrene	12.98	178	733047	37.60	ng		99
71) Anthracene	13.05	178	754928	39.47	ng		99
72) Carbazole	13.26	167	731167	40.11	ng		98
73) Di-n-butylphthalate	13.70	149	829096	37.93	ng	#	97
74) Fluoranthene	14.47	202	829513	40.84	ng		93
76) Benzidine	14.64	184	525299m	49.34	ng		
77) Pyrene	14.74	202	857515m	37.67	ng		
79) Butylbenzylphthalate	15.57	149	384861	38.68	ng		97
80) Benzo(a)anthracene	16.24	228	830814	38.41	ng		99
81) 3,3'-Dichlorobenzidine	16.22	252	326708	42.40	ng	#	98
82) Chrysene	16.29	228	768017	36.92	ng		99
83) Bis(2-ethylhexyl)phthalate	16.30	149	552189	36.64	ng		100
84) Di-n-octyl phthalate	17.10	149	977686m	36.83	ng		
85) Indeno(1,2,3-cd)pyrene	19.54	276	1041995	39.31	ng	#	100
87) Benzo(b)fluoranthene	17.58	252	881196	37.24	ng	#	97
88) Benzo(k)fluoranthene	17.61	252	833718m	36.39	ng		
89) Benzo(a)pyrene	17.97	252	808552	37.11	ng	#	96
90) Dibenzo(a,h)anthracene	19.58	278	833550	36.00	ng		99
91) Benzo(g,h,i)perylene	20.00	276	806712	34.76	ng		99

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

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