Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084927.D
Acq On : 8 Feb 2016 14:31
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
UMANGI
2/9/2016 12:55:52 PM

Quant Time: Feb 09 02:41:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	187116	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	773408	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	363185	20.00	ng		-0.05
63) Phenanthrene-d10	11.16	188	701746	20.00	ng		-0.05
75) Chrysene-d12	13.80	240	512937	20.00	ng		-0.03
86) Perylene-d12	15.16	264	424899	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	911129	75.84	ng		-0.05
7) Phenol-d6	6.32	99	1192613	80.08	ng		-0.02
23) Nitrobenzene-d5	7.23	82	1087940	79.24	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	283073	74.72	ng		-0.05
44) 2-Fluorobiphenyl	9.02	172	2001335	97.69	ng		-0.03
78) Terphenyl-d14	12.75	244	1649005	72.85	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	165569m	31.47	ng		
3) Pyridine	2.76	79	565977	41.28	ng	#	71
4) n-Nitrosodimethylamine	2.73	42	283293	39.95	ng	#	77
6) Aniline	6.32	93	705357	38.71	ng		90
8) 2-Chlorophenol	6.44	128	552646	40.64	ng		95
9) Benzaldehyde	6.19	77	308755	35.11	ng		96
10) Phenol	6.33	94	721105	43.22	ng		94
11) bis(2-Chloroethyl)ether	6.40	93	474940	36.51	ng		84
12) 1,3-Dichlorobenzene	6.59	146	575459m	40.06	ng		
13) 1,4-Dichlorobenzene	6.67	146	578222	40.26	ng		94
14) 1,2-Dichlorobenzene	6.82	146	466295	34.86	ng		95
15) Benzyl Alcohol	6.81	79	375745	36.54	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.94	45	821386	37.53	ng		91
17) 2-Methylphenol	6.93	107	413537	38.45	ng	#	90
18) Hexachloroethane	7.16	117	219779	39.74	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	366867	39.30	ng	#	70
20) 3+4-Methylphenols	7.09	107	546501	40.94	ng		88
22) Acetophenone	7.08	105	825159	40.48	ng	#	96
24) Nitrobenzene	7.24	77	556266	37.84	ng		92
25) Isophorone	7.49	82	1078648	40.40	ng		99
26) 2-Nitrophenol	7.56	139	282217	38.92	ng	#	84
27) 2,4-Dimethylphenol	7.62	122	514147	40.76	ng		91
28) bis(2-Chloroethoxy)methane	7.71	93	645827	40.78	ng		97
29) 2,4-Dichlorophenol	7.81	162	450265	41.72	ng		94
30) 1,2,4-Trichlorobenzene	7.88	180	449846	36.91	ng		96
31) Naphthalene	7.96	128	1431372	36.90	ng		99
32) Benzoic acid	7.78	122	386292	47.88	ng		94
33) 4-Chloroaniline	8.02	127	592357	36.92	ng		97
34) Hexachlorobutadiene	8.09	225	275107	39.14	ng		98
35) Caprolactam	8.42	113	152081	45.72	ng	#	67
36) 4-Chloro-3-methylphenol	8.52	107	542686	44.08	ng		98
37) 2-Methylnaphthalene	8.65	142	952136	39.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	430786	37.35	ng		99
40) Hexachlorocyclopentadiene	8.81	237	199358	47.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	288962	38.89	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	289538	38.35	ng	#	84
45) 1,1'-Biphenyl	9.12	154	1136134	35.02	ng		100
46) 2-Chloronaphthalene	9.14	162	874567	36.61	ng		95
47) 2-Nitroaniline	9.24	65	278739	36.85	ng		97
48) Acenaphthylene	9.55	152	1305293	36.01	ng		97
49) Dimethylphthalate	9.44	163	1187553	42.93	ng	#	91
50) 2,6-Dinitrotoluene	9.49	165	269059	44.53	ng	#	73
51) Acenaphthene	9.72	154	831076	35.24	ng		98
52) 3-Nitroaniline	9.66	138	295827	43.57	ng	#	64
53) 2,4-Dinitrophenol	9.77	184	118566	45.23	ng		91
54) Dibenzofuran	9.89	168	1058236	36.71	ng		93
55) 4-Nitrophenol	9.84	139	176105	35.29	ng	#	80
56) 2,4-Dinitrotoluene	9.89	165	310148	40.24	ng	#	78
57) Fluorene	10.24	166	943192	39.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	239894	41.74	ng		91
59) Diethylphthalate	10.12	149	1032002	38.21	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	490629	49.19	ng	#	87
61) 4-Nitroaniline	10.27	138	261414	39.51	ng		95
62) Azobenzene	10.40	77	1070648	41.22	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	187520	43.30	ng		90
65) n-Nitrosodiphenylamine	10.35	169	861149	38.65	ng		98
66) 4-Bromophenyl-phenylether	10.72	248	288699	37.25	ng	#	77
67) Hexachlorobenzene	10.78	284	348528	41.27	ng	#	89
68) Atrazine	10.89	200	260276	36.99	ng		97
69) Pentachlorophenol	10.98	266	122465	30.85	ng		98
70) Phenanthrene	11.20	178	1607774	41.31	ng		97
71) Anthracene	11.24	178	1427505	36.40	ng		99
72) Carbazole	11.40	167	1221546	35.72	ng		99
73) Di-n-butylphthalate	11.75	149	1790968	41.14	ng	#	97
74) Fluoranthene	12.37	202	1514954	38.46	ng		97
76) Benzidine	12.50	184	610210	33.55	ng		98
77) Pyrene	12.60	202	1648548	41.98	ng		98
79) Butylbenzylphthalate	13.23	149	672734	37.76	ng		93
80) Benzo(a)anthracene	13.79	228	1227955	38.57	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	440432	39.07	ng	#	94
82) Chrysene	13.83	228	1187128	38.45	ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	827605	37.33	ng		99
84) Di-n-octyl phthalate	14.41	149	1427260	39.02	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.43	276	953069	39.22	ng		99
87) Benzo(b)fluoranthene	14.79	252	957321m	33.53	ng		
88) Benzo(k)fluoranthene	14.82	252	1052204m	44.58	ng		
89) Benzo(a)pyrene	15.11	252	898325	36.93	ng	#	96
90) Dibenzo(a,h)anthracene	16.44	278	781034	38.14	ng	#	96
91) Benzo(g,h,i)perylene	16.81	276	811480	39.34	ng		98

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

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