Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084875.D
Acq On : 5 Feb 2016 22:24
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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2/8/2016 3:03:05 PM

Quant Time: Feb 05 23:50:19 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	6.66	152	183241	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	739909	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	330881	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	576315	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	360037	20.00	ng		-0.03
86) Perylene-d12	15.17	264	332815	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	875473	74.42	ng		-0.03
7) Phenol-d6	6.32	99	1071363	73.46	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1075998	81.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	252249	73.09	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1844635	99.63	ng		-0.02
78) Terphenyl-d14	12.76	244	1329617	83.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	184576m	35.82	ng		
3) Pyridine	2.80	79	521835	38.87	ng	#	76
4) n-Nitrosodimethylamine	2.75	42	266307	38.35	ng		82
6) Aniline	6.33	93	699502	39.20	ng	#	82
8) 2-Chlorophenol	6.45	128	524553	39.39	ng		91
9) Benzaldehyde	6.20	77	313357	36.38	ng		98
10) Phenol	6.33	94	560464	34.30	ng	#	38
11) bis(2-Chloroethyl)ether	6.41	93	494269	38.79	ng		86
12) 1,3-Dichlorobenzene	6.60	146	567476m	40.34	ng		
13) 1,4-Dichlorobenzene	6.68	146	577979	41.09	ng		94
14) 1,2-Dichlorobenzene	6.83	146	461497	35.23	ng		96
15) Benzyl Alcohol	6.82	79	367671	36.51	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	808013	37.70	ng		90
17) 2-Methylphenol	6.94	107	422750	40.14	ng	#	92
18) Hexachloroethane	7.17	117	214781	39.65	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	329261	36.02	ng	#	75
20) 3+4-Methylphenols	7.10	107	527816	40.38	ng		89
22) Acetophenone	7.08	105	729423	37.40	ng	#	99
24) Nitrobenzene	7.25	77	489661	34.81	ng		93
25) Isophorone	7.50	82	980784	38.40	ng		96
26) 2-Nitrophenol	7.57	139	292284	42.13	ng	#	90
27) 2,4-Dimethylphenol	7.63	122	448073	37.13	ng		88
28) bis(2-Chloroethoxy)methane	7.72	93	566883	37.41	ng	#	97
29) 2,4-Dichlorophenol	7.82	162	402776	39.01	ng		93
30) 1,2,4-Trichlorobenzene	7.89	180	427473	36.66	ng		96
31) Naphthalene	7.97	128	1394984	37.59	ng		99
32) Benzoic acid	7.78	122	316545	41.02	ng		95
33) 4-Chloroaniline	8.03	127	553566	36.06	ng		99
34) Hexachlorobutadiene	8.10	225	264812	39.38	ng		99
35) Caprolactam	8.42	113	114260	35.91	ng	#	52
36) 4-Chloro-3-methylphenol	8.52	107	405353	34.42	ng		93
37) 2-Methylnaphthalene	8.66	142	842869	36.29	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	418454	39.82	ng		99
40) Hexachlorocyclopentadiene	8.82	237	173364	45.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	249884	36.91	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	272273	39.58	ng	#	90
45) 1,1'-Biphenyl	9.13	154	1056059	35.73	ng		99
46) 2-Chloronaphthalene	9.15	162	825203	37.92	ng		94
47) 2-Nitroaniline	9.25	65	266239	38.63	ng		96
48) Acenaphthylene	9.56	152	1236128	37.43	ng		97
49) Dimethylphthalate	9.44	163	972130	38.57	ng	#	89
50) 2,6-Dinitrotoluene	9.50	165	233406	42.40	ng		90
51) Acenaphthene	9.73	154	778059	36.21	ng		98
52) 3-Nitroaniline	9.66	138	212426	34.34	ng		95
53) 2,4-Dinitrophenol	9.78	184	78832	34.58	ng	#	82
54) Dibenzofuran	9.90	168	997623	37.99	ng		94
55) 4-Nitrophenol	9.85	139	170150	37.42	ng		92
56) 2,4-Dinitrotoluene	9.90	165	294094	41.88	ng	#	91
57) Fluorene	10.25	166	852856	38.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	218837	41.79	ng		90
59) Diethylphthalate	10.13	149	899270	36.54	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	433760	47.48	ng	#	88
61) 4-Nitroaniline	10.28	138	251392	41.70	ng		88
62) Azobenzene	10.40	77	892083	37.70	ng		85
64) 4,6-Dinitro-2-methylphenol	10.30	198	140411	39.47	ng	#	55
65) n-Nitrosodiphenylamine	10.36	169	682353	37.29	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	254170	39.93	ng	#	76
67) Hexachlorobenzene	10.80	284	296553	42.76	ng	#	87
68) Atrazine	10.90	200	245671	42.51	ng		98
69) Pentachlorophenol	10.99	266	138930	42.62	ng		98
70) Phenanthrene	11.21	178	1276291	39.93	ng		99
71) Anthracene	11.25	178	1248321	38.76	ng		99
72) Carbazole	11.41	167	1075346	38.29	ng		99
73) Di-n-butylphthalate	11.76	149	1524798	42.64	ng	#	98
74) Fluoranthene	12.39	202	1268767	39.22	ng		97
76) Benzidine	12.51	184	487926	38.40	ng		99
77) Pyrene	12.61	202	1292753	46.90	ng		99
79) Butylbenzylphthalate	13.24	149	556880	44.53	ng		97
80) Benzo(a)anthracene	13.79	228	912797	40.85	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	327961	41.45	ng	#	98
82) Chrysene	13.84	228	938175	43.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	667323	42.88	ng		100
84) Di-n-octyl phthalate	14.42	149	1068974	41.64	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	870665	51.05	ng		99
87) Benzo(b)fluoranthene	14.80	252	718286m	32.12	ng		
88) Benzo(k)fluoranthene	14.83	252	783554m	42.38	ng		
89) Benzo(a)pyrene	15.12	252	705029	37.00	ng	#	95
90) Dibenzo(a,h)anthracene	16.47	278	714618	44.55	ng	#	95
91) Benzo(g,h,i)perylene	16.83	276	755528	46.76	ng		98

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

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