Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077578.D
Acq On : 4 Mar 2015 7:39
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/4/2015 4:42:46 PM

Quant Time: Mar 04 09:33:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:19:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	81827	20.00	ng		-0.06
21) Naphthalene-d8	8.82	136	338027	20.00	ng		-0.07
38) Acenaphthene-d10	10.99	164	114896	20.00	ng		-0.07
63) Phenanthrene-d10	12.83	188	226972	20.00	ng		-0.07
75) Chrysene-d12	16.12	240	367108	20.00	ng		-0.10
86) Perylene-d12	17.84	264	353098	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	389477	79.46	ng		-0.06
7) Phenol-d6	6.80	99	508785	80.73	ng		-0.06
23) Nitrobenzene-d5	7.93	82	423261	77.87	ng		-0.06
41) 2,4,6-Tribromophenol	11.97	330	92823	83.90	ng		-0.07
44) 2-Fluorobiphenyl	10.16	172	668462	90.72	ng		-0.06
78) Terphenyl-d14	14.83	244	1073093	68.34	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	80263m	38.59	ng		
3) Pyridine	2.90	79	232876m	39.14	ng		
4) n-Nitrosodimethylamine	2.81	42	94138m	36.39	ng		
6) Aniline	6.83	93	338203	38.83	ng		98
8) 2-Chlorophenol	6.97	128	212650	36.78	ng		97
9) Benzaldehyde	6.68	77	146513	38.29	ng		91
10) Phenol	6.82	94	293714	39.28	ng	#	65
11) bis(2-Chloroethyl)ether	6.93	93	200759	37.36	ng		100
12) 1,3-Dichlorobenzene	7.16	146	245644	39.01	ng	#	94
13) 1,4-Dichlorobenzene	7.26	146	240654	37.57	ng		96
14) 1,2-Dichlorobenzene	7.44	146	209273	34.35	ng		95
15) Benzyl Alcohol	7.42	79	173415	36.20	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.60	45	256884	33.44	ng		97
17) 2-Methylphenol	7.57	107	162212	35.89	ng		97
18) Hexachloroethane	7.86	117	75922	35.49	ng	#	86
19) n-Nitroso-di-n-propylamine	7.76	70	132353	33.07	ng		99
20) 3+4-Methylphenols	7.76	107	208729	35.07	ng		85
22) Acetophenone	7.75	105	262520	33.02	ng	#	91
24) Nitrobenzene	7.95	77	215500	37.68	ng	#	81
25) Isophorone	8.25	82	401159	37.20	ng		99
26) 2-Nitrophenol	8.35	139	89315	38.10	ng		90
27) 2,4-Dimethylphenol	8.41	122	190086	36.25	ng		94
28) bis(2-Chloroethoxy)methane	8.53	93	242722	35.63	ng		99
29) 2,4-Dichlorophenol	8.65	162	173318	35.21	ng		96
30) 1,2,4-Trichlorobenzene	8.75	180	208972	38.61	ng		99
31) Naphthalene	8.84	128	659327	39.00	ng		99
32) Benzoic acid	8.52	122	123287m	48.38	ng		
33) 4-Chloroaniline	8.92	127	289279	38.49	ng		99
34) Hexachlorobutadiene	9.00	225	110311	35.70	ng		98
35) Caprolactam	9.35	113	53098	35.33	ng		96
36) 4-Chloro-3-methylphenol	9.53	107	197956	40.00	ng		99
37) 2-Methylnaphthalene	9.70	142	388491	32.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	167772	50.89	ng		99
40) Hexachlorocyclopentadiene	9.89	237	35713	20.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	108885	49.87	ng		99
43) 2,4,5-Trichlorophenol	10.10	196	116288	49.81	ng	#	92
45) 1,1'-Biphenyl	10.28	154	345085	39.64	ng		97
46) 2-Chloronaphthalene	10.30	162	284735	41.71	ng		98
47) 2-Nitroaniline	10.44	65	81584	48.55	ng		97
48) Acenaphthylene	10.82	152	463631	42.90	ng		99
49) Dimethylphthalate	10.67	163	324325	40.16	ng		99
50) 2,6-Dinitrotoluene	10.75	165	70360	43.44	ng		95
51) Acenaphthene	11.03	154	269933	41.86	ng		99
52) 3-Nitroaniline	10.95	138	86133	46.13	ng		96
53) 2,4-Dinitrophenol	11.08	184	4695	9.53	ng	#	82
54) Dibenzofuran	11.25	168	399474	40.12	ng		95
55) 4-Nitrophenol	11.16	139	63226	42.10	ng	#	67
56) 2,4-Dinitrotoluene	11.24	165	92783	42.39	ng	#	79
57) Fluorene	11.67	166	329270	41.36	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.40	232	83016	44.23	ng		96
59) Diethylphthalate	11.55	149	316479	39.75	ng		99
60) 4-Chlorophenyl-phenylether	11.68	204	146472	38.19	ng	#	83
61) 4-Nitroaniline	11.70	138	86451	48.30	ng		96
62) Azobenzene	11.87	77	303566	40.18	ng		92
64) 4,6-Dinitro-2-methylphenol	11.74	198	8137	12.00	ng		86
65) n-Nitrosodiphenylamine	11.83	169	285943	37.97	ng		99
66) 4-Bromophenyl-phenylether	12.29	248	94763	35.65	ng	#	86
67) Hexachlorobenzene	12.35	284	102568	35.95	ng	#	81
68) Atrazine	12.50	200	73872	30.17	ng		100
69) Pentachlorophenol	12.60	266	54893	36.61	ng		96
70) Phenanthrene	12.86	178	515972	39.22	ng		100
71) Anthracene	12.93	178	495669	37.97	ng		98
72) Carbazole	13.13	167	606754	48.88	ng		98
73) Di-n-butylphthalate	13.58	149	683904	46.92	ng		99
74) Fluoranthene	14.34	202	723485	50.35	ng		99
76) Benzidine	14.52	184	601327	48.48	ng		98
77) Pyrene	14.62	202	854944	38.07	ng		99
79) Butylbenzylphthalate	15.45	149	346460	37.50	ng		93
80) Benzo(a)anthracene	16.11	228	801878	37.27	ng		100
81) 3,3'-Dichlorobenzidine	16.09	252	322347	40.89	ng		98
82) Chrysene	16.15	228	733969	36.33	ng		99
83) Bis(2-ethylhexyl)phthalate	16.17	149	450636	30.42	ng	#	98
84) Di-n-octyl phthalate	16.95	149	772117	31.22	ng		100
85) Indeno(1,2,3-cd)pyrene	19.29	276	513879m	22.31	ng		
87) Benzo(b)fluoranthene	17.40	252	785687	38.26	ng	#	97
88) Benzo(k)fluoranthene	17.43	252	733356m	36.44	ng		
89) Benzo(a)pyrene	17.78	252	742042	37.95	ng		98
90) Dibenzo(a,h)anthracene	19.31	278	420023m	22.52	ng		
91) Benzo(g,h,i)perylene	19.71	276	416278m	22.11	ng		

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

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