Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080021.D
Acq On : 17 Jun 2015 12:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/18/2015 4:04:07 PM

Quant Time: Jun 17 12:47:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	56708	20.00	ng		-0.01
21) Naphthalene-d8	8.63	136	219290	20.00	ng		-0.01
38) Acenaphthene-d10	10.40	164	113174	20.00	ng		-0.01
63) Phenanthrene-d10	11.93	188	215218	20.00	ng		0.01
75) Chrysene-d12	15.15	240	241746m	20.00	ng		0.24
86) Perylene-d12	17.17	264	239839m	20.00	ng		0.37
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	252364	81.60	ng		-0.01
7) Phenol-d6	6.94	99	334962	79.50	ng		-0.01
23) Nitrobenzene-d5	7.90	82	324643	97.68	ng		-0.01
41) 2,4,6-Tribromophenol	11.20	330	95921	85.20	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	623633	77.16	ng		-0.01
78) Terphenyl-d14	13.75	244	851908	81.25	ng		0.13
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	57430	40.82	ng		99
3) Pyridine	4.04	79	152316	42.25	ng		97
4) n-Nitrosodimethylamine	3.94	42	79704	44.86	ng	#	93
6) Aniline	7.00	93	242854	39.83	ng		99
8) 2-Chlorophenol	7.12	128	152390	40.54	ng		98
9) Benzaldehyde	6.88	77	90064	37.19	ng		97
10) Phenol	6.95	94	173812	37.51	ng		89
11) bis(2-Chloroethyl)ether	7.05	93	141398	37.92	ng		93
12) 1,3-Dichlorobenzene	7.28	146	177268	40.43	ng		98
13) 1,4-Dichlorobenzene	7.36	146	172890	37.96	ng		99
14) 1,2-Dichlorobenzene	7.51	146	161114	39.83	ng		99
15) Benzyl Alcohol	7.46	79	146278	43.30	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.60	45	212475	38.47	ng		99
17) 2-Methylphenol	7.57	107	127427	38.81	ng		97
18) Hexachloroethane	7.86	117	59050	41.87	ng		94
19) n-Nitroso-di-n-propylamine	7.73	70	111464	37.02	ng		94
20) 3+4-Methylphenols	7.72	107	164458	39.19	ng		94
22) Acetophenone	7.74	105	222479	42.96	ng	#	96
24) Nitrobenzene	7.91	77	153941	43.54	ng		98
25) Isophorone	8.15	82	308435	39.88	ng		98
26) 2-Nitrophenol	8.24	139	69047	55.11	ng		95
27) 2,4-Dimethylphenol	8.25	122	135684	39.14	ng		97
28) bis(2-Chloroethoxy)methane	8.36	93	196447	42.77	ng		98
29) 2,4-Dichlorophenol	8.47	162	121161	41.73	ng		99
30) 1,2,4-Trichlorobenzene	8.57	180	142016	38.49	ng		98
31) Naphthalene	8.65	128	493194	41.14	ng		100
32) Benzoic acid	8.32	122	89705	63.02	ng		100
33) 4-Chloroaniline	8.69	127	185945m	39.96	ng		
34) Hexachlorobutadiene	8.77	225	81812	39.94	ng		93
35) Caprolactam	9.03	113	36907	40.19	ng	#	59
36) 4-Chloro-3-methylphenol	9.16	107	136513	41.16	ng		93
37) 2-Methylnaphthalene	9.35	142	324741	40.10	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	136688	36.06	ng		99
40) Hexachlorocyclopentadiene	9.51	237	66392	48.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	98210	42.05	ng		97
43) 2,4,5-Trichlorophenol	9.66	196	107762	41.80	ng		99
45) 1,1'-Biphenyl	9.81	154	359041	39.20	ng		98
46) 2-Chloronaphthalene	9.84	162	312307	40.05	ng		97
47) 2-Nitroaniline	9.92	65	86408	51.27	ng		95
48) Acenaphthylene	10.26	152	528534	40.15	ng		99
49) Dimethylphthalate	10.09	163	331591	36.57	ng		99
50) 2,6-Dinitrotoluene	10.16	165	73926	44.83	ng		98
51) Acenaphthene	10.44	154	312586	41.78	ng		97
52) 3-Nitroaniline	10.33	138	82342	41.31	ng		96
53) 2,4-Dinitrophenol	10.44	184	25004	75.83	ng	#	1
54) Dibenzofuran	10.61	168	428188	39.17	ng		99
55) 4-Nitrophenol	10.47	139	62925	44.65	ng		96
56) 2,4-Dinitrotoluene	10.57	165	96810	44.48	ng		95
57) Fluorene	10.96	166	353143	37.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.72	232	93406	47.80	ng		99
59) Diethylphthalate	10.80	149	342972	37.83	ng		100
60) 4-Chlorophenyl-phenylether	10.94	204	160991	37.83	ng		98
61) 4-Nitroaniline	10.95	138	81801	39.32	ng		97
62) Azobenzene	11.10	77	336959	38.63	ng		99
64) 4,6-Dinitro-2-methylphenol	10.98	198	43620	80.10	ng		78
65) n-Nitrosodiphenylamine	11.05	169	294426	42.38	ng		99
66) 4-Bromophenyl-phenylether	11.45	248	97755	40.53	ng	#	90
67) Hexachlorobenzene	11.53	284	110126	41.86	ng	#	91
68) Atrazine	11.59	200	104064	48.67	ng		97
69) Pentachlorophenol	11.73	266	61806	53.02	ng		99
70) Phenanthrene	11.97	178	531714	41.45	ng		100
71) Anthracene	12.02	178	523884	42.21	ng		99
72) Carbazole	12.17	167	489798	40.69	ng		98
73) Di-n-butylphthalate	12.53	149	643328	49.06	ng		99
74) Fluoranthene	13.31	202	589117	41.55	ng		99
76) Benzidine	13.43	184	248674	37.15	ng		99
77) Pyrene	13.58	202	597111	39.33	ng		99
79) Butylbenzylphthalate	14.35	149	266238m	51.93	ng		
80) Benzo(a)anthracene	15.12	228	589624m	38.41	ng		
81) 3,3'-Dichlorobenzidine	15.07	252	212180m	43.23	ng		
82) Chrysene	15.18	228	552822m	40.61	ng		
83) Bis(2-ethylhexyl)phthalate	15.12	149	409464m	49.90	ng		
84) Di-n-octyl phthalate	16.03	149	727653m	54.37	ng		
85) Indeno(1,2,3-cd)pyrene	19.07	276	711815m	44.28	ng		
87) Benzo(b)fluoranthene	16.61	252	618422m	42.08	ng		
88) Benzo(k)fluoranthene	16.64	252	561810m	37.48	ng		
89) Benzo(a)pyrene	17.09	252	565160m	40.44	ng		
90) Dibenzo(a,h)anthracene	19.09	278	570211m	41.51	ng		
91) Benzo(g,h,i)perylene	19.63	276	574267m	40.40	ng		

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

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