Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076714.D
Acq On : 31 Dec 2014 21:15
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 01 07:00:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 31 23:59:08 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	38308	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	165580	20.00	ng		-0.01
38) Acenaphthene-d10	10.45	164	88911	20.00	ng		0.00
63) Phenanthrene-d10	12.25	188	146250	20.00	ng		-0.01
75) Chrysene-d12	15.49	240	139910	20.00	ng		-0.01
86) Perylene-d12	17.12	264	132994	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	184737	81.76	ng		-0.01
7) Phenol-d6	6.32	99	235638	85.38	ng		0.00
23) Nitrobenzene-d5	7.43	82	241792	86.85	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	62385	83.02	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	466461	81.64	ng		-0.01
78) Terphenyl-d14	14.24	244	483433	76.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.38	88	32963	34.13	ng	#	100
3) Pyridine	1.90	79	98350	40.45	ng		96
4) n-Nitrosodimethylamine	1.85	42	48108	40.90	ng		99
6) Aniline	6.30	93	162017	41.11	ng	#	81
8) 2-Chlorophenol	6.45	128	105055	40.60	ng		95
9) Benzaldehyde	6.14	77	75375	35.90	ng		93
10) Phenol	6.33	94	139222	41.57	ng		80
11) bis(2-Chloroethyl)ether	6.42	93	103435	42.90	ng		93
12) 1,3-Dichlorobenzene	6.63	146	123584	41.14	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	129274	42.49	ng		98
14) 1,2-Dichlorobenzene	6.92	146	118382	41.03	ng		93
15) Benzyl Alcohol	6.93	79	100363	42.00	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	135199	38.71	ng		95
17) 2-Methylphenol	7.10	107	90615	42.61	ng		99
18) Hexachloroethane	7.34	117	45840	42.15	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	84226	41.79	ng		98
20) 3+4-Methylphenols	7.29	107	116082	40.43	ng		98
22) Acetophenone	7.25	105	156587	39.46	ng	#	98
24) Nitrobenzene	7.45	77	122856	42.56	ng		95
25) Isophorone	7.76	82	217274	40.49	ng		97
26) 2-Nitrophenol	7.84	139	56523	40.09	ng	#	72
27) 2,4-Dimethylphenol	7.94	122	94221	41.29	ng		90
28) bis(2-Chloroethoxy)methane	8.06	93	136513	43.34	ng		98
29) 2,4-Dichlorophenol	8.15	162	91266	40.69	ng		96
30) 1,2,4-Trichlorobenzene	8.24	180	97980	40.52	ng	#	94
31) Naphthalene	8.32	128	326205	39.77	ng		99
32) Benzoic acid	8.08	122	50600	37.99	ng		92
33) 4-Chloroaniline	8.42	127	133336	39.82	ng		99
34) Hexachlorobutadiene	8.49	225	59137	42.07	ng		92
35) Caprolactam	8.85	113	23798	36.80	ng		90
36) 4-Chloro-3-methylphenol	9.04	107	95551	38.28	ng	#	87
37) 2-Methylnaphthalene	9.18	142	227436	39.74	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	86000	39.32	ng	#	78
40) Hexachlorocyclopentadiene	9.37	237	45237	39.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	68450	43.14	ng		98
43) 2,4,5-Trichlorophenol	9.59	196	68043	39.86	ng		97
45) 1,1'-Biphenyl	9.76	154	261203	39.54	ng		98
46) 2-Chloronaphthalene	9.77	162	217865	41.59	ng		98
47) 2-Nitroaniline	9.92	65	69178	43.41	ng	#	74
48) Acenaphthylene	10.28	152	373184	41.88	ng		98
49) Dimethylphthalate	10.17	163	257558	40.95	ng		99
50) 2,6-Dinitrotoluene	10.23	165	53423	41.46	ng	#	60
51) Acenaphthene	10.49	154	201739	40.02	ng		97
52) 3-Nitroaniline	10.43	138	59039	40.35	ng		92
53) 2,4-Dinitrophenol	10.56	184	20193	36.51	ng	#	91
54) Dibenzofuran	10.70	168	303595	41.63	ng		97
55) 4-Nitrophenol	10.67	139	48014m	42.80	ng		
56) 2,4-Dinitrotoluene	10.72	165	73637	42.88	ng		91
57) Fluorene	11.12	166	256566	41.89	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.86	232	51745	40.76	ng	#	100
59) Diethylphthalate	11.04	149	264158	41.12	ng		97
60) 4-Chlorophenyl-phenylether	11.15	204	110976	41.87	ng		94
61) 4-Nitroaniline	11.17	138	63644	41.38	ng		93
62) Azobenzene	11.34	77	268325	42.39	ng		97
64) 4,6-Dinitro-2-methylphenol	11.21	198	35729	39.05	ng	#	80
65) n-Nitrosodiphenylamine	11.29	169	212408	41.34	ng		97
66) 4-Bromophenyl-phenylether	11.74	248	61312	43.04	ng	#	79
67) Hexachlorobenzene	11.79	284	69690	41.91	ng	#	87
68) Atrazine	11.98	200	66012	43.00	ng		96
69) Pentachlorophenol	12.04	266	31287	38.44	ng		98
70) Phenanthrene	12.29	178	354465	40.17	ng		99
71) Anthracene	12.35	178	356384	41.17	ng		99
72) Carbazole	12.56	167	330839	39.40	ng		98
73) Di-n-butylphthalate	13.04	149	435862	42.26	ng		100
74) Fluoranthene	13.74	202	389123	43.19	ng		92
76) Benzidine	13.93	184	218272	37.44	ng		99
77) Pyrene	14.00	202	375215	38.33	ng		99
79) Butylbenzylphthalate	14.87	149	191787	40.99	ng	#	82
80) Benzo(a)anthracene	15.48	228	354477	40.69	ng		97
81) 3,3'-Dichlorobenzidine	15.48	252	116893	40.14	ng	#	97
82) Chrysene	15.52	228	335658	42.10	ng		98
83) Bis(2-ethylhexyl)phthalate	15.60	149	282471	39.90	ng	#	96
84) Di-n-octyl phthalate	16.36	149	483500	40.00	ng		99
85) Indeno(1,2,3-cd)pyrene	18.24	276	404912m	46.28	ng		
87) Benzo(b)fluoranthene	16.71	252	394650	44.98	ng	#	98
88) Benzo(k)fluoranthene	16.75	252	273385m	33.46	ng		
89) Benzo(a)pyrene	17.07	252	315396	40.29	ng		99
90) Dibenzo(a,h)anthracene	18.28	278	329590m	42.48	ng		
91) Benzo(g,h,i)perylene	18.55	276	322709m	42.74	ng		

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

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