Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092762.D
Acq On : 3 Feb 2017 7:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/3/2017 1:23:07 PM

Quant Time: Feb 03 07:33:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139161	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	594300	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	327022	20.00	ng		-0.02
63) Phenanthrene-d10	11.46	188	409286	20.00	ng		-0.03
75) Chrysene-d12	14.10	240	297393	20.00	ng		-0.05
86) Perylene-d12	15.56	264	310949	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	693002	85.44	ng		-0.03
7) Phenol-d6	6.58	99	865575	82.94	ng		-0.02
23) Nitrobenzene-d5	7.50	82	869415	81.47	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	152720	64.57	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1319945	73.12	ng		-0.03
78) Terphenyl-d14	13.05	244	1076594	85.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	214393	48.92	ng	#	85
3) Pyridine	3.30	79	576589	51.74	ng		86
4) n-Nitrosodimethylamine	3.26	42	268889	51.38	ng		90
6) Aniline	6.60	93	576853	40.52	ng	#	44
8) 2-Chlorophenol	6.72	128	353520	39.51	ng		86
9) Benzaldehyde	6.48	77	273760	36.61	ng		90
10) Phenol	6.59	94	530448	43.44	ng		95
11) bis(2-Chloroethyl)ether	6.67	93	373079	38.28	ng		95
12) 1,3-Dichlorobenzene	6.88	146	441536	42.13	ng		95
13) 1,4-Dichlorobenzene	6.96	146	452941	42.70	ng		94
14) 1,2-Dichlorobenzene	7.10	146	380062	37.47	ng		97
15) Benzyl Alcohol	7.08	79	321520	41.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	708929	41.87	ng		93
17) 2-Methylphenol	7.20	107	300811	39.18	ng		95
18) Hexachloroethane	7.45	117	157607	43.52	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	315680	47.52	ng		97
20) 3+4-Methylphenols	7.36	107	440385	47.98	ng		99
22) Acetophenone	7.34	105	576703	42.50	ng	#	91
24) Nitrobenzene	7.53	77	550526	50.24	ng		93
25) Isophorone	7.77	82	906874	45.60	ng		99
26) 2-Nitrophenol	7.84	139	218881	42.02	ng	#	88
27) 2,4-Dimethylphenol	7.88	122	360586	39.42	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	529250	40.18	ng		99
29) 2,4-Dichlorophenol	8.09	162	358647	42.03	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	371533	40.41	ng		96
31) Naphthalene	8.25	128	1162347	38.58	ng		99
32) Benzoic acid	7.98	122	168386	34.80	ng		98
33) 4-Chloroaniline	8.29	127	472284	39.97	ng	#	91
34) Hexachlorobutadiene	8.36	225	192020	37.96	ng		99
35) Caprolactam	8.67	113	110547	41.19	ng	#	32
36) 4-Chloro-3-methylphenol	8.78	107	366872	41.24	ng		100
37) 2-Methylnaphthalene	8.94	142	796937	41.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	354735	38.64	ng		99
40) Hexachlorocyclopentadiene	9.09	237	67481	16.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	227038	37.64	ng		93
43) 2,4,5-Trichlorophenol	9.26	196	254243	38.47	ng	#	86
45) 1,1'-Biphenyl	9.40	154	893008	37.71	ng		97
46) 2-Chloronaphthalene	9.42	162	704234	38.02	ng		94
47) 2-Nitroaniline	9.53	65	267195	42.90	ng		95
48) Acenaphthylene	9.85	152	1256470	39.26	ng		98
49) Dimethylphthalate	9.70	163	829310	37.65	ng		98
50) 2,6-Dinitrotoluene	9.77	165	201234	42.30	ng	#	87
51) Acenaphthene	10.02	154	711957	37.21	ng		96
52) 3-Nitroaniline	9.94	138	230078	42.26	ng		92
53) 2,4-Dinitrophenol	10.04	184	26505	15.04	ng	#	84
54) Dibenzofuran	10.19	168	978479	38.24	ng	#	89
55) 4-Nitrophenol	10.10	139	124145	31.66	ng		88
56) 2,4-Dinitrotoluene	10.17	165	237108	37.44	ng		97
57) Fluorene	10.53	166	670436	34.05	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.30	232	159464	36.17	ng		99
59) Diethylphthalate	10.40	149	760107	36.62	ng		99
60) 4-Chlorophenyl-phenylether	10.52	204	337107	35.64	ng	#	80
61) 4-Nitroaniline	10.54	138	162652	29.17	ng		92
62) Azobenzene	10.68	77	726745	33.89	ng		89
64) 4,6-Dinitro-2-methylphenol	10.58	198	44591	19.57	ng		94
65) n-Nitrosodiphenylamine	10.64	169	559799	42.82	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	181062	42.34	ng	#	76
67) Hexachlorobenzene	11.07	284	168217	39.81	ng	#	82
68) Atrazine	11.16	200	170490	40.63	ng		100
69) Pentachlorophenol	11.26	266	67142	35.21	ng		96
70) Phenanthrene	11.49	178	904905	38.59	ng		97
71) Anthracene	11.54	178	928713	39.44	ng		98
72) Carbazole	11.70	167	926093	41.14	ng		98
73) Di-n-butylphthalate	12.02	149	1010414	41.51	ng	#	97
74) Fluoranthene	12.67	202	793964	32.83	ng		99
76) Benzidine	12.80	184	435214	34.34	ng		98
77) Pyrene	12.90	202	811255	36.45	ng		99
79) Butylbenzylphthalate	13.52	149	365880	40.48	ng		93
80) Benzo(a)anthracene	14.09	228	703363	38.67	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	266133	41.05	ng	#	97
82) Chrysene	14.12	228	667489	39.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	538352	43.56	ng	#	97
84) Di-n-octyl phthalate	14.68	149	863246	42.89	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	702619	53.26	ng		95
87) Benzo(b)fluoranthene	15.14	252	784032	38.31	ng	#	96
88) Benzo(k)fluoranthene	15.16	252	667875m	37.79	ng		
89) Benzo(a)pyrene	15.51	252	716724	40.48	ng		96
90) Dibenzo(a,h)anthracene	17.04	278	610394	42.66	ng		97
91) Benzo(g,h,i)perylene	17.46	276	576573	39.89	ng	#	91

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

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