Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092239.D
Acq On : 13 Jan 2017 10:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
1/16/2017 3:19:26 PM

Quant Time: Jan 16 09:36:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	201020	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	684187	20.00	ng		-0.05
38) Acenaphthene-d10	9.63	164	357683	20.00	ng		-0.05
63) Phenanthrene-d10	11.10	188	575624	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	391319	20.00	ng		-0.05
86) Perylene-d12	15.09	264	314063	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1032470	85.76	ng		-0.07
7) Phenol-d6	6.26	99	1088459	74.05	ng		-0.05
23) Nitrobenzene-d5	7.16	82	917766	74.59	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	231450	78.19	ng		-0.05
44) 2-Fluorobiphenyl	8.95	172	1496713	85.87	ng		-0.05
78) Terphenyl-d14	12.69	244	1482507	91.88	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	225943	38.12	ng		98
3) Pyridine	2.64	79	518222	25.05	ng		97
4) n-Nitrosodimethylamine	2.60	42	224076	28.72	ng		95
6) Aniline	6.24	93	725580	38.01	ng	#	48
8) 2-Chlorophenol	6.38	128	542535	39.62	ng		90
9) Benzaldehyde	6.13	77	320984	37.37	ng		99
10) Phenol	6.27	94	690446	41.22	ng	#	74
11) bis(2-Chloroethyl)ether	6.34	93	544622	40.87	ng		97
12) 1,3-Dichlorobenzene	6.53	146	572348	39.15	ng		99
13) 1,4-Dichlorobenzene	6.61	146	571098m	38.38	ng		
14) 1,2-Dichlorobenzene	6.76	146	469344	36.35	ng		99
15) Benzyl Alcohol	6.75	79	383153	33.55	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	660420	33.28	ng		55
17) 2-Methylphenol	6.87	107	342099	31.06	ng	#	87
18) Hexachloroethane	7.10	117	180642	32.75	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	327568	33.50	ng		95
20) 3+4-Methylphenols	7.03	107	471242	35.87	ng	#	72
22) Acetophenone	7.01	105	641648	38.02	ng	#	93
24) Nitrobenzene	7.18	77	493792	37.68	ng		96
25) Isophorone	7.42	82	825037	36.34	ng		94
26) 2-Nitrophenol	7.50	139	258791	40.04	ng		89
27) 2,4-Dimethylphenol	7.56	122	396068	36.95	ng		97
28) bis(2-Chloroethoxy)methane	7.64	93	464419	33.74	ng		99
29) 2,4-Dichlorophenol	7.75	162	352538	38.84	ng		93
30) 1,2,4-Trichlorobenzene	7.82	180	374886	37.69	ng		95
31) Naphthalene	7.90	128	1278818	40.84	ng		99
32) Benzoic acid	7.72	122	284638	35.80	ng		97
33) 4-Chloroaniline	7.96	127	508926	36.04	ng		99
34) Hexachlorobutadiene	8.02	225	210953	40.18	ng		98
35) Caprolactam	8.34	113	109062	36.57	ng	#	58
36) 4-Chloro-3-methylphenol	8.46	107	389942	37.34	ng		100
37) 2-Methylnaphthalene	8.59	142	755453	37.55	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	354771	39.26	ng		98
40) Hexachlorocyclopentadiene	8.75	237	136469	36.20	ng		96

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	233069	36.88	ng		98
43) 2,4,5-Trichlorophenol	8.93	196	235347	36.18	ng	#	89
45) 1,1'-Biphenyl	9.06	154	1004016	41.00	ng		98
46) 2-Chloronaphthalene	9.08	162	770477	39.73	ng		99
47) 2-Nitroaniline	9.18	65	238224	34.50	ng		98
48) Acenaphthylene	9.49	152	1177416	39.47	ng		98
49) Dimethylphthalate	9.36	163	856376	37.43	ng		98
50) 2,6-Dinitrotoluene	9.43	165	208334	41.61	ng	#	84
51) Acenaphthene	9.66	154	787718	38.95	ng		99
52) 3-Nitroaniline	9.59	138	215639	34.80	ng		98
53) 2,4-Dinitrophenol	9.71	184	111770	40.12	ng	#	58
54) Dibenzofuran	9.83	168	1014275	37.14	ng		97
55) 4-Nitrophenol	9.79	139	135404	32.18	ng		94
56) 2,4-Dinitrotoluene	9.83	165	244188	38.85	ng		89
57) Fluorene	10.18	166	822107	41.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	190754	37.08	ng		99
59) Diethylphthalate	10.06	149	854796	38.47	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	329279	37.85	ng		97
61) 4-Nitroaniline	10.21	138	253183	39.43	ng		95
62) Azobenzene	10.32	77	927023	37.90	ng		98
64) 4,6-Dinitro-2-methylphenol	10.24	198	154635	44.43	ng		85
65) n-Nitrosodiphenylamine	10.29	169	664469	38.90	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	248575	41.51	ng	#	89
67) Hexachlorobenzene	10.72	284	248444	38.82	ng	#	85
68) Atrazine	10.83	200	208153	37.78	ng		96
69) Pentachlorophenol	10.92	266	98777	31.45	ng		96
70) Phenanthrene	11.12	178	1140018	36.52	ng		99
71) Anthracene	11.18	178	1285154	47.24	ng		98
72) Carbazole	11.34	167	1158034	45.09	ng		99
73) Di-n-butylphthalate	11.68	149	1369966	46.45	ng	#	96
74) Fluoranthene	12.30	202	1191263	43.36	ng		98
76) Benzidine	12.44	184	466772	47.45	ng		99
77) Pyrene	12.53	202	1155853	40.26	ng		99
79) Butylbenzylphthalate	13.17	149	560956	42.96	ng	#	76
80) Benzo(a)anthracene	13.72	228	948356	42.93	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	340472	40.65	ng	#	94
82) Chrysene	13.75	228	827336	37.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	692948	45.06	ng	#	98
84) Di-n-octyl phthalate	14.34	149	1120911	39.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.33	276	691611	36.03	ng		100
87) Benzo(b)fluoranthene	14.73	252	916728m	46.88	ng		
88) Benzo(k)fluoranthene	14.75	252	602606m	36.14	ng		
89) Benzo(a)pyrene	15.03	252	699661	40.32	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	583382	40.90	ng		98
91) Benzo(g,h,i)perylene	16.70	276	609578	41.10	ng		98

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

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