Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099185.D
Acq On : 7 Oct 2017 10:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/9/2017 6:33:42 PM

Quant Time: Oct 08 03:52:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115397	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	483242	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	219588	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	388668	20.00	ng		0.00
75) Chrysene-d12	14.03	240	275665	20.00	ng		0.00
86) Perylene-d12	15.50	264	207263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	584948	80.69	ng		0.00
7) Phenol-d6	6.50	99	725138	81.09	ng		0.00
23) Nitrobenzene-d5	7.43	82	606344	80.47	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	147940	82.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1076277	81.82	ng		0.00
78) Terphenyl-d14	12.97	244	1004803	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	138393	39.966	ng		94
3) Pyridine	3.42	79	362567	38.705	ng		94
4) n-Nitrosodimethylamine	3.38	42	143464	36.116	ng		86
6) Aniline	6.53	93	479351	39.717	ng		98
8) 2-Chlorophenol	6.65	128	333147	40.582	ng		96
9) Benzaldehyde	6.42	77	189144	36.463	ng		95
10) Phenol	6.51	94	429894	42.985	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	305764	39.327	ng		97
12) 1,3-Dichlorobenzene	6.80	146	349697	40.675	ng		99
13) 1,4-Dichlorobenzene	6.88	146	355710	40.666	ng		100
14) 1,2-Dichlorobenzene	7.03	146	327087	40.469	ng		99
15) Benzyl Alcohol	7.01	79	248644	37.902	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	437516	36.118	ng		96
17) 2-Methylphenol	7.12	107	267220	39.783	ng		99
18) Hexachloroethane	7.37	117	123309	39.219	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	201750	35.337	ng		94
20) 3+4-Methylphenols	7.27	107	326016	38.366	ng	#	88
22) Acetophenone	7.28	105	438543	37.456	ng	#	94
24) Nitrobenzene	7.45	77	334069	39.082	ng		96
25) Isophorone	7.69	82	584211	37.499	ng		99
26) 2-Nitrophenol	7.76	139	184229	44.819	ng		93
27) 2,4-Dimethylphenol	7.80	122	291951	37.610	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	380967	39.239	ng		99
29) 2,4-Dichlorophenol	8.00	162	271600	40.751	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	269385	40.412	ng		98
31) Naphthalene	8.17	128	902145	39.749	ng		99
32) Benzoic acid	7.92	122	143126m	22.446	ng		
33) 4-Chloroaniline	8.22	127	385893	40.715	ng		98
34) Hexachlorobutadiene	8.28	225	136246	39.682	ng		96
35) Caprolactam	8.60	113	86654	40.532	ng		90
36) 4-Chloro-3-methylphenol	8.70	107	297880	39.764	ng		97
37) 2-Methylnaphthalene	8.86	142	584923	39.644	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	264873	40.446	ng		99
40) Hexachlorocyclopentadiene	9.01	237	109462	36.576	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	180605	38.929	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	182044	39.308	ng		95
45) 1,1'-Biphenyl	9.32	154	759591	40.249	ng		99
46) 2-Chloronaphthalene	9.35	162	570294	40.247	ng		98
47) 2-Nitroaniline	9.45	65	173250	39.931	ng		99
48) Acenaphthylene	9.77	152	879138	40.529	ng		99
49) Dimethylphthalate	9.62	163	663107	40.011	ng		99
50) 2,6-Dinitrotoluene	9.69	165	154015	42.686	ng		96
51) Acenaphthene	9.94	154	517953	37.695	ng		98
52) 3-Nitroaniline	9.86	138	181499	43.141	ng		90
53) 2,4-Dinitrophenol	9.97	184	56157	33.545	ng	#	85
54) Dibenzofuran	10.11	168	732065	40.015	ng		99
55) 4-Nitrophenol	10.02	139	127846	35.938	ng		94
56) 2,4-Dinitrotoluene	10.09	165	201542	43.040	ng		93
57) Fluorene	10.45	166	589603	40.096	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	124028	38.768	ng		98
59) Diethylphthalate	10.32	149	620480	38.314	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	258812	39.182	ng		99
61) 4-Nitroaniline	10.47	138	183259	45.151	ng		89
62) Azobenzene	10.60	77	553398	37.165	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	99515	42.083	ng		79
65) n-Nitrosodiphenylamine	10.56	169	537057	39.886	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	151849	39.914	ng		99
67) Hexachlorobenzene	11.00	284	162466	39.984	ng		97
68) Atrazine	11.09	200	161768	39.932	ng		99
69) Pentachlorophenol	11.19	266	81159m	32.094	ng		
70) Phenanthrene	11.42	178	831312	39.959	ng		99
71) Anthracene	11.47	178	855439	40.186	ng		99
72) Carbazole	11.62	167	847115	40.638	ng		100
73) Di-n-butylphthalate	11.95	149	972329	38.752	ng		98
74) Fluoranthene	12.60	202	851926	40.439	ng		98
76) Benzidine	12.72	184	436652	42.826	ng		99
77) Pyrene	12.83	202	875507	41.650	ng		100
79) Butylbenzylphthalate	13.44	149	397726	40.259	ng		96
80) Benzo(a)anthracene	14.02	228	684458	41.005	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	241931	39.537	ng		99
82) Chrysene	14.06	228	639633	40.249	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	525374	38.622	ng	#	99
84) Di-n-octyl phthalate	14.60	149	798871	36.472	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	465727	36.636	ng		97
87) Benzo(b)fluoranthene	15.07	252	503137	39.482	ng		97
88) Benzo(k)fluoranthene	15.10	252	523374	41.582	ng		99
89) Benzo(a)pyrene	15.44	252	473842	40.508	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	375642	40.126	ng		98
91) Benzo(g,h,i)perylene	17.43	276	391601	42.319	ng		96

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

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