Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098786.D
Acq On : 25 Sep 2017 16:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/26/2017 4:58:30 PM

Quant Time: Sep 26 06:48:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	162488	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	688977	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	307940	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	533731	20.00	ng		0.00
75) Chrysene-d12	14.09	240	390636	20.00	ng		0.00
86) Perylene-d12	15.57	264	331455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	816938	80.04	ng		0.00
7) Phenol-d6	6.55	99	1014228	80.55	ng		0.00
23) Nitrobenzene-d5	7.49	82	852993	79.40	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	205296	81.47	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1478303	80.14	ng		0.00
78) Terphenyl-d14	13.03	244	1360861	79.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	193220	39.628	ng		99
3) Pyridine	3.51	79	534441	40.518	ng		97
4) n-Nitrosodimethylamine	3.47	42	221332	39.571	ng		91
6) Aniline	6.59	93	678197	39.907	ng		98
8) 2-Chlorophenol	6.70	128	466416	40.350	ng		97
9) Benzaldehyde	6.47	77	277962	38.056	ng		99
10) Phenol	6.56	94	563348	40.004	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	437003	39.917	ng		97
12) 1,3-Dichlorobenzene	6.86	146	480413	39.685	ng		97
13) 1,4-Dichlorobenzene	6.94	146	489168	39.716	ng		97
14) 1,2-Dichlorobenzene	7.09	146	455721	40.043	ng		98
15) Benzyl Alcohol	7.06	79	366032	39.625	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	671496	39.369	ng		99
17) 2-Methylphenol	7.16	107	373041	39.442	ng		99
18) Hexachloroethane	7.43	117	175814	39.713	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	304573	37.886	ng		97
20) 3+4-Methylphenols	7.32	107	469744	39.260	ng		97
22) Acetophenone	7.33	105	631060	37.805	ng	#	98
24) Nitrobenzene	7.50	77	476004	39.058	ng		96
25) Isophorone	7.74	82	860766	38.752	ng		99
26) 2-Nitrophenol	7.82	139	250590	42.759	ng		94
27) 2,4-Dimethylphenol	7.85	122	427412	38.618	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	538965	38.936	ng		99
29) 2,4-Dichlorophenol	8.05	162	376921	39.666	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	374618	39.418	ng		98
31) Naphthalene	8.22	128	1245396	38.487	ng		99
32) Benzoic acid	7.97	122	360570	39.662	ng		97
33) 4-Chloroaniline	8.27	127	522312	38.653	ng		99
34) Hexachlorobutadiene	8.33	225	190573	38.931	ng		100
35) Caprolactam	8.65	113	116469	38.210	ng		100
36) 4-Chloro-3-methylphenol	8.75	107	411596	38.537	ng		96
37) 2-Methylnaphthalene	8.92	142	810755	38.542	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	359633	39.160	ng		99
40) Hexachlorocyclopentadiene	9.06	237	167527	39.917	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	258842	39.785	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	260770	40.152	ng		96
45) 1,1'-Biphenyl	9.38	154	1035050	39.109	ng		99
46) 2-Chloronaphthalene	9.40	162	778610	39.183	ng		99
47) 2-Nitroaniline	9.50	65	247665	40.704	ng		98
48) Acenaphthylene	9.82	152	1181955	38.856	ng		99
49) Dimethylphthalate	9.67	163	914429	39.344	ng		100
50) 2,6-Dinitrotoluene	9.74	165	205935	40.700	ng		96
51) Acenaphthene	9.99	154	762004	39.546	ng		98
52) 3-Nitroaniline	9.91	138	239843	40.653	ng		96
53) 2,4-Dinitrophenol	10.01	184	97274	40.064	ng		96
54) Dibenzofuran	10.16	168	1001501	39.036	ng		98
55) 4-Nitrophenol	10.06	139	201056	40.302	ng		97
56) 2,4-Dinitrotoluene	10.14	165	272594	41.511	ng	#	99
57) Fluorene	10.51	166	800466	38.818	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	175406	39.097	ng		96
59) Diethylphthalate	10.37	149	879511	38.727	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	359252	38.783	ng		94
61) 4-Nitroaniline	10.52	138	232806	40.901	ng		98
62) Azobenzene	10.66	77	807395	38.665	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	137253	42.266	ng		90
65) n-Nitrosodiphenylamine	10.62	169	723526	39.130	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	210200	40.235	ng		96
67) Hexachlorobenzene	11.05	284	221662	39.726	ng		95
68) Atrazine	11.14	200	211659	38.047	ng		100
69) Pentachlorophenol	11.25	266	138672	39.933	ng		99
70) Phenanthrene	11.47	178	1115071	39.031	ng		99
71) Anthracene	11.52	178	1142950	39.100	ng		100
72) Carbazole	11.67	167	1113157	38.887	ng		99
73) Di-n-butylphthalate	12.00	149	1365695	39.636	ng		100
74) Fluoranthene	12.66	202	1121876	38.780	ng		99
76) Benzidine	12.77	184	569693	39.430	ng		99
77) Pyrene	12.89	202	1159499	38.926	ng		100
79) Butylbenzylphthalate	13.50	149	559411	39.960	ng		97
80) Benzo(a)anthracene	14.07	228	909577	38.453	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	348559	40.197	ng		98
82) Chrysene	14.12	228	872611	38.749	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	784043	40.674	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1279853	41.233	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	764721	42.451	ng		97
87) Benzo(b)fluoranthene	15.13	252	807040m	39.601	ng		
88) Benzo(k)fluoranthene	15.17	252	760418	37.778	ng		99
89) Benzo(a)pyrene	15.52	252	737708	39.436	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	626057	41.818	ng		98
91) Benzo(g,h,i)perylene	17.55	276	625209	42.248	ng		97

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

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