Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099977.D
Acq On : 30 Oct 2017 23:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/31/2017 7:41:17 PM

Quant Time: Oct 31 04:09:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	81251	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	337948	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	149179	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	238325	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	150298	20.00	ng		0.00
86) Perylene-d12	15.47	264	147163	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	407521	78.74	ng		-0.01
7) Phenol-d6	6.43	99	489856	79.83	ng		0.00
23) Nitrobenzene-d5	7.36	82	409142	77.94	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	103192	75.90	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	814906	84.28	ng		-0.01
78) Terphenyl-d14	12.91	244	613563	89.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	82485	36.092	ng	#	88
3) Pyridine	3.24	79	198634	36.142	ng	#	85
4) n-Nitrosodimethylamine	3.20	42	72292	36.819	ng	#	69
6) Aniline	6.46	93	317562	39.911	ng		94
8) 2-Chlorophenol	6.58	128	226349	41.036	ng		89
9) Benzaldehyde	6.35	77	141154	38.494	ng		91
10) Phenol	6.45	94	264296	39.227	ng	#	74
11) bis(2-Chloroethyl)ether	6.53	93	210488	40.456	ng		95
12) 1,3-Dichlorobenzene	6.73	146	245661	39.666	ng		95
13) 1,4-Dichlorobenzene	6.80	146	257172	40.914	ng		97
14) 1,2-Dichlorobenzene	6.96	146	232150	40.524	ng		97
15) Benzyl Alcohol	6.94	79	154870	39.684	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	229006	39.624	ng	#	44
17) 2-Methylphenol	7.05	107	186513	40.425	ng		97
18) Hexachloroethane	7.29	117	66233	31.584	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	145284	40.400	ng		90
20) 3+4-Methylphenols	7.21	107	226192	42.104	ng	#	65
22) Acetophenone	7.20	105	307641	39.981	ng	#	95
24) Nitrobenzene	7.38	77	206812	39.102	ng		93
25) Isophorone	7.62	82	370554	38.903	ng		96
26) 2-Nitrophenol	7.70	139	107211	35.391	ng	#	80
27) 2,4-Dimethylphenol	7.73	122	180084	40.346	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	264892	39.709	ng		98
29) 2,4-Dichlorophenol	7.94	162	190103	40.999	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	193955	39.150	ng		98
31) Naphthalene	8.09	128	643358	39.438	ng		100
32) Benzoic acid	7.89	122	127466m	32.444	ng		
33) 4-Chloroaniline	8.15	127	270070	40.092	ng		96
34) Hexachlorobutadiene	8.20	225	101329	39.764	ng		97
35) Caprolactam	8.54	113	58934	40.417	ng	#	78
36) 4-Chloro-3-methylphenol	8.64	107	186114	39.326	ng		94
37) 2-Methylnaphthalene	8.79	142	431764	39.495	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	199217	41.348	ng	#	97
40) Hexachlorocyclopentadiene	8.84	237	113	10.140	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	121652	41.742	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	127979	41.381	ng	#	93
45) 1,1'-Biphenyl	9.25	154	554698	41.103	ng		98
46) 2-Chloronaphthalene	9.28	162	398262	40.635	ng		94
47) 2-Nitroaniline	9.39	65	108997	42.373	ng	#	83
48) Acenaphthylene	9.69	152	606553	40.182	ng		99
49) Dimethylphthalate	9.55	163	466986	39.529	ng		99
50) 2,6-Dinitrotoluene	9.63	165	94649	38.111	ng	#	82
51) Acenaphthene	9.86	154	370805	40.202	ng		100
52) 3-Nitroaniline	9.80	138	126184	43.120	ng		87
53) 2,4-Dinitrophenol	9.96	184	1264	6.958	ng	#	88
54) Dibenzofuran	10.03	168	523909	40.240	ng		99
55) 4-Nitrophenol	9.99	139	44798	29.299	ng		83
56) 2,4-Dinitrotoluene	10.04	165	111555	37.298	ng	#	95
57) Fluorene	10.38	166	419525	38.917	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	86312	39.804	ng	#	92
59) Diethylphthalate	10.25	149	463860	40.207	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	201159	39.650	ng		90
61) 4-Nitroaniline	10.42	138	113929	40.807	ng		82
62) Azobenzene	10.53	77	366154	37.862	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	7052	4.707	ng		82
65) n-Nitrosodiphenylamine	10.49	169	392187	44.579	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	111215	44.327	ng		93
67) Hexachlorobenzene	10.93	284	107016	41.692	ng	#	89
68) Atrazine	11.02	200	108762	41.156	ng		99
69) Pentachlorophenol	11.14	266	41660	37.983	ng		96
70) Phenanthrene	11.34	178	536978	39.925	ng		99
71) Anthracene	11.40	178	546990	40.066	ng		98
72) Carbazole	11.56	167	495470	38.593	ng		98
73) Di-n-butylphthalate	11.87	149	697231	42.579	ng	#	98
74) Fluoranthene	12.54	202	484674	34.675	ng		96
76) Benzidine	12.67	184	228227	34.703	ng		98
77) Pyrene	12.77	202	477279	41.762	ng		99
79) Butylbenzylphthalate	13.37	149	240859	42.798	ng		94
80) Benzo(a)anthracene	13.97	228	383195	40.218	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	144422	41.758	ng		97
82) Chrysene	14.01	228	363064	40.532	ng		97
83) Bis(2-ethylhexyl)phthalate	13.93	149	337414	42.694	ng		98
84) Di-n-octyl phthalate	14.57	149	560788	41.342	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.97	276	312142	37.959	ng		97
87) Benzo(b)fluoranthene	15.04	252	351604	37.837	ng		98
88) Benzo(k)fluoranthene	15.07	252	367699	41.962	ng		99
89) Benzo(a)pyrene	15.42	252	334189	40.035	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	274734	37.040	ng		98
91) Benzo(g,h,i)perylene	17.42	276	246065	33.909	ng		99

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

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