Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011173.D
Acq On : 09 Aug 2017 14:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:11:42 PM

Quant Time: Aug 09 18:16:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	174482	20.00	ng		-0.09
21) Naphthalene-d8	10.05	136	664126	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	443362	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	1119264	20.00	ng		-0.09
75) Chrysene-d12	20.95	240	1348043	20.00	ng		-0.08
86) Perylene-d12	23.03	264	1218889	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	818743	79.32	ng		-0.09
7) Phenol-d6	6.50	99	1146216	78.16	ng		-0.09
23) Nitrobenzene-d5	8.45	82	1541245	87.10	ng		-0.09
41) 2,4,6-Tribromophenol	15.47	330	540365	76.04	ng		-0.09
44) 2-Fluorobiphenyl	12.57	172	2728157	77.17	ng		-0.09
78) Terphenyl-d14	19.39	244	5071420	74.52	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	187468	40.452	ng	#	100
3) Pyridine	3.30	79	538729	42.558	ng	#	85
4) n-Nitrosodimethylamine	3.23	42	271213	42.043	ng	#	75
6) Aniline	6.65	93	705134	38.150	ng	#	82
8) 2-Chlorophenol	6.87	128	404689	38.618	ng	#	75
9) Benzaldehyde	6.46	77	354337	37.343	ng	#	74
10) Phenol	6.53	94	629437	39.516	ng		99
11) bis(2-Chloroethyl)ether	6.75	93	489735	39.459	ng		88
12) 1,3-Dichlorobenzene	7.19	146	480232	37.603	ng	#	77
13) 1,4-Dichlorobenzene	7.33	146	494742	37.793	ng	#	87
14) 1,2-Dichlorobenzene	7.64	146	467865	37.380	ng	#	87
15) Benzyl Alcohol	7.55	79	564543	40.128	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.83	45	475750	42.598	ng		79
17) 2-Methylphenol	7.75	107	391633	38.470	ng	#	71
18) Hexachloroethane	8.35	117	229851	40.262	ng	#	82
19) n-Nitroso-di-n-propylamine	8.11	70	534231	42.868	ng	#	90
20) 3+4-Methylphenols	8.08	107	545601	38.555	ng	#	80
22) Acetophenone	8.12	105	787815	39.573	ng	#	92
24) Nitrobenzene	8.49	77	795034	43.358	ng	#	83
25) Isophorone	9.01	82	1286227	43.596	ng	#	85
26) 2-Nitrophenol	9.19	139	234236	40.148	ng	#	10
27) 2,4-Dimethylphenol	9.26	122	390785	38.048	ng	#	67
28) bis(2-Chloroethoxy)methane	9.50	93	663334	40.311	ng	#	98
29) 2,4-Dichlorophenol	9.72	162	441670	38.269	ng		89
30) 1,2,4-Trichlorobenzene	9.92	180	573628	40.198	ng		96
31) Naphthalene	10.10	128	1281611	38.360	ng		97
32) Benzoic acid	9.42	122	283238	34.309	ng	#	50
33) 4-Chloroaniline	10.23	127	433427	32.520	ng	#	66
34) Hexachlorobutadiene	10.39	225	475440	42.301	ng		97
35) Caprolactam	11.02	113	124075	37.909	ng	#	69
36) 4-Chloro-3-methylphenol	11.37	107	586158	39.333	ng	#	71
37) 2-Methylnaphthalene	11.73	142	929334	37.865	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	764788	40.150	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	407675	36.730	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	451407	39.153	ng		95
43) 2,4,5-Trichlorophenol	12.45	196	460368	38.769	ng	#	83
45) 1,1'-Biphenyl	12.79	154	1468963	38.317	ng		97
46) 2-Chloronaphthalene	12.82	162	1080014	38.236	ng	#	93
47) 2-Nitroaniline	13.04	65	448744	44.907	ng	#	59
48) Acenaphthylene	13.68	152	1633925	38.761	ng		99
49) Dimethylphthalate	13.44	163	1425710	37.590	ng	#	99
50) 2,6-Dinitrotoluene	13.56	165	309070	40.297	ng	#	51
51) Acenaphthene	14.03	154	1004860	38.499	ng		99
52) 3-Nitroaniline	13.89	138	218804	32.875	ng	#	27
53) 2,4-Dinitrophenol	14.10	184	172133	31.579	ng	#	83
54) Dibenzofuran	14.37	168	1601602	37.870	ng	#	89
55) 4-Nitrophenol	14.22	139	175153	29.954	ng	#	77
56) 2,4-Dinitrotoluene	14.36	165	409733	38.054	ng	#	74
57) Fluorene	15.02	166	1391912	37.801	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	436886	39.252	ng	#	100
59) Diethylphthalate	14.83	149	1465702	37.840	ng		98
60) 4-Chlorophenyl-phenylether	15.03	204	829757	37.323	ng		100
61) 4-Nitroaniline	15.06	138	159993	22.632	ng	#	1
62) Azobenzene	15.32	77	1787268	43.113	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	281190	37.110	ng		93
65) n-Nitrosodiphenylamine	15.25	169	1213950	37.898	ng		99
66) 4-Bromophenyl-phenylether	15.93	248	543468	37.771	ng	#	90
67) Hexachlorobenzene	16.03	284	606504	37.302	ng	#	88
68) Atrazine	16.22	200	473157	36.861	ng		98
69) Pentachlorophenol	16.38	266	400290	38.779	ng		98
70) Phenanthrene	16.77	178	2228331	38.022	ng		99
71) Anthracene	16.86	178	2244964	38.409	ng		99
72) Carbazole	17.14	167	1912237	37.410	ng		99
73) Di-n-butylphthalate	17.73	149	2478897	39.823	ng	#	96
74) Fluoranthene	18.80	202	2877297	39.617	ng		98
76) Benzidine	19.02	184	193553m	6.002	ng		
77) Pyrene	19.16	202	2964378	37.009	ng		99
79) Butylbenzylphthalate	20.11	149	1131394	39.722	ng	#	61
80) Benzo(a)anthracene	20.93	228	2975002	38.650	ng		98
81) 3,3'-Dichlorobenzidine	20.89	252	1070750	35.460	ng	#	97
82) Chrysene	20.99	228	2829850	38.300	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1632916	38.970	ng		99
84) Di-n-octyl phthalate	21.74	149	2722424	40.031	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.06	276	3067255	40.084	ng	#	96
87) Benzo(b)fluoranthene	22.41	252	2921033	37.339	ng	#	92
88) Benzo(k)fluoranthene	22.46	252	2828325	37.721	ng	#	94
89) Benzo(a)pyrene	22.94	252	2703733	38.195	ng	#	94
90) Dibenzo(a,h)anthracene	25.06	278	2451970	37.365	ng	#	91
91) Benzo(g,h,i)perylene	25.66	276	2523045m	39.154	ng		

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

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