Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011001.D
Acq On : 27 Jul 2017 09:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/28/2017 4:44:55 PM

Quant Time: Jul 28 02:23:30 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	7.39	152	172352	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	797475	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	644665	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1922724	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2529207	20.00	ng		0.00
86) Perylene-d12	23.14	264	2184129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	780452	76.55	ng		0.00
7) Phenol-d6	6.59	99	1174862	81.10	ng		0.00
23) Nitrobenzene-d5	8.54	82	1677980	78.97	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	919706	89.01	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3831480	74.54	ng		0.00
78) Terphenyl-d14	19.47	244	9856298	77.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	168078	36.716	ng	#	100
3) Pyridine	3.40	79	485933	38.862	ng	#	86
4) n-Nitrosodimethylamine	3.33	42	285682	44.833	ng	#	65
6) Aniline	6.74	93	727994	39.873	ng	#	88
8) 2-Chlorophenol	6.96	128	400816	38.721	ng		82
9) Benzaldehyde	6.55	77	348011	37.129	ng	#	79
10) Phenol	6.62	94	623202	39.608	ng		98
11) bis(2-Chloroethyl)ether	6.84	93	476171	38.840	ng		93
12) 1,3-Dichlorobenzene	7.27	146	502161	39.806	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	523951	40.519	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	485003	39.228	ng	#	86
15) Benzyl Alcohol	7.63	79	571558	41.129	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	443892	40.237	ng		78
17) 2-Methylphenol	7.84	107	412648	41.035	ng	#	74
18) Hexachloroethane	8.45	117	230784	40.925	ng	#	83
19) n-Nitroso-di-n-propylamine	8.20	70	544317	44.217	ng		92
20) 3+4-Methylphenols	8.17	107	589304	42.157	ng	#	83
22) Acetophenone	8.21	105	877396	36.704	ng	#	92
24) Nitrobenzene	8.58	77	851266	38.662	ng	#	87
25) Isophorone	9.10	82	1404862	39.655	ng	#	85
26) 2-Nitrophenol	9.28	139	273511	39.040	ng	#	18
27) 2,4-Dimethylphenol	9.35	122	463576	37.588	ng	#	68
28) bis(2-Chloroethoxy)methane	9.59	93	759135	38.419	ng		99
29) 2,4-Dichlorophenol	9.81	162	545568	39.367	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	659462	38.485	ng		98
31) Naphthalene	10.20	128	1561936	38.933	ng		100
32) Benzoic acid	9.51	122	395042	39.850	ng	#	69
33) 4-Chloroaniline	10.32	127	649011	40.553	ng	#	73
34) Hexachlorobutadiene	10.49	225	536352	39.741	ng		98
35) Caprolactam	11.12	113	178300m	45.367	ng		
36) 4-Chloro-3-methylphenol	11.46	107	768137	42.925	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1232015	41.804	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1009581	36.451	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	580702	35.982	ng		96

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42) 2,4,6-Trichlorophenol	12.46	196	650559	38.807	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	660428	38.250	ng	#	87
45) 1,1'-Biphenyl	12.87	154	2069030	37.117	ng		97
46) 2-Chloronaphthalene	12.90	162	1516012	36.912	ng	#	92
47) 2-Nitroaniline	13.13	65	639776	44.032	ng	#	68
48) Acenaphthylene	13.76	152	2434272	39.715	ng		99
49) Dimethylphthalate	13.53	163	2193226	39.770	ng		98
50) 2,6-Dinitrotoluene	13.64	165	465889	41.776	ng	#	48
51) Acenaphthene	14.12	154	1498860	39.494	ng		99
52) 3-Nitroaniline	13.97	138	425656	43.984	ng	#	41
53) 2,4-Dinitrophenol	14.17	184	353402	44.590	ng	#	85
54) Dibenzofuran	14.45	168	2498268	40.626	ng	#	88
55) 4-Nitrophenol	14.29	139	373802	43.964	ng		89
56) 2,4-Dinitrotoluene	14.43	165	706487	45.126	ng	#	89
57) Fluorene	15.11	166	2271378	42.424	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	689579	42.609	ng	#	100
59) Diethylphthalate	14.91	149	2392661	42.482	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1339934	41.451	ng		96
61) 4-Nitroaniline	15.14	138	484164	47.102	ng	#	1
62) Azobenzene	15.40	77	2653350	44.019	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	526929	40.481	ng		91
65) n-Nitrosodiphenylamine	15.33	169	2034920	36.981	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	911809	36.889	ng	#	91
67) Hexachlorobenzene	16.12	284	1059031	37.916	ng	#	91
68) Atrazine	16.30	200	884905	40.130	ng		97
69) Pentachlorophenol	16.46	266	722577	40.749	ng		97
70) Phenanthrene	16.85	178	3993651	39.668	ng		99
71) Anthracene	16.94	178	3995834	39.796	ng		99
72) Carbazole	17.22	167	3659269	41.673	ng		100
73) Di-n-butylphthalate	17.80	149	4488740	41.977	ng	#	96
74) Fluoranthene	18.88	202	5387575	43.182	ng		98
76) Benzidine	19.08	184	2191060	36.212	ng		99
77) Pyrene	19.24	202	5523702	36.755	ng		99
79) Butylbenzylphthalate	20.18	149	2167602	40.561	ng	#	66
80) Benzo(a)anthracene	21.01	228	5731348	39.686	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	2338497	41.277	ng	#	97
82) Chrysene	21.06	228	5525817	39.862	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	3222086	40.985	ng	#	97
84) Di-n-octyl phthalate	21.82	149	5386664	42.216	ng		99
85) Indeno(1,2,3-cd)pyrene	25.22	276	5007539	34.879	ng	#	96
87) Benzo(b)fluoranthene	22.52	252	5713756	40.760	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	5446535	40.538	ng	#	95
89) Benzo(a)pyrene	23.05	252	5076383	40.021	ng	#	95
90) Dibenzo(a,h)anthracene	25.23	278	4131316	35.133	ng	#	92
91) Benzo(g,h,i)perylene	25.85	276	3887780	33.670	ng	#	85

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

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