Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011091.D
Acq On : 02 Aug 2017 10:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2017 6:23:54 PM

Quant Time: Aug 03 01:44:58 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	7.38	152	153855	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	741373	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	615894	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1806247	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	2142309	20.00	ng		0.00
86) Perylene-d12	23.13	264	1614989	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	735880	80.85	ng		0.00
7) Phenol-d6	6.58	99	1115447	86.26	ng		-0.01
23) Nitrobenzene-d5	8.53	82	1691422	85.63	ng		0.00
41) 2,4,6-Tribromophenol	15.54	330	888619	90.02	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	3685801	75.05	ng		-0.01
78) Terphenyl-d14	19.46	244	9357795	86.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	160654	39.313	ng	#	100
3) Pyridine	3.40	79	491454	44.029	ng	#	84
4) n-Nitrosodimethylamine	3.32	42	277377	48.763	ng	#	68
6) Aniline	6.73	93	702524	43.104	ng	#	82
8) 2-Chlorophenol	6.95	128	371687	40.224	ng	#	78
9) Benzaldehyde	6.54	77	364462	43.559	ng	#	75
10) Phenol	6.60	94	593381	42.246	ng		90
11) bis(2-Chloroethyl)ether	6.83	93	463198	42.324	ng		87
12) 1,3-Dichlorobenzene	7.27	146	450631	40.015	ng	#	74
13) 1,4-Dichlorobenzene	7.42	146	470329	40.745	ng	#	85
14) 1,2-Dichlorobenzene	7.73	146	446439	40.451	ng	#	86
15) Benzyl Alcohol	7.63	79	592768	47.783	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.91	45	440322	44.712	ng		78
17) 2-Methylphenol	7.83	107	392497	43.723	ng	#	73
18) Hexachloroethane	8.43	117	217296	43.166	ng		86
19) n-Nitroso-di-n-propylamine	8.19	70	573733	52.210	ng	#	89
20) 3+4-Methylphenols	8.16	107	558948	44.793	ng	#	79
22) Acetophenone	8.20	105	855721	38.506	ng	#	88
24) Nitrobenzene	8.57	77	865588	42.287	ng	#	85
25) Isophorone	9.10	82	1424596	43.255	ng	#	84
26) 2-Nitrophenol	9.27	139	252429	38.758	ng	#	12
27) 2,4-Dimethylphenol	9.35	122	428873	37.406	ng	#	63
28) bis(2-Chloroethoxy)methane	9.58	93	736584	40.099	ng	#	96
29) 2,4-Dichlorophenol	9.80	162	527129	40.914	ng		92
30) 1,2,4-Trichlorobenzene	10.01	180	620738	38.967	ng		99
31) Naphthalene	10.19	128	1467528	39.348	ng		97
32) Benzoic acid	9.52	122	377869	41.002	ng	#	51
33) 4-Chloroaniline	10.31	127	611980	41.133	ng	#	70
34) Hexachlorobutadiene	10.48	225	513546	40.930	ng		98
35) Caprolactam	11.12	113	172462m	47.202	ng		
36) 4-Chloro-3-methylphenol	11.45	107	754611	45.360	ng	#	72
37) 2-Methylnaphthalene	11.82	142	1176389	42.937	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	986700	37.289	ng	#	100
40) Hexachlorocyclopentadiene	12.17	237	557091	36.131	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	623687	38.942	ng		99
43) 2,4,5-Trichlorophenol	12.52	196	646471	39.191	ng	#	87
45) 1,1'-Biphenyl	12.86	154	2008860	37.721	ng		96
46) 2-Chloronaphthalene	12.90	162	1473899	37.563	ng		94
47) 2-Nitroaniline	13.12	65	654248	47.131	ng	#	67
48) Acenaphthylene	13.76	152	2365171	40.390	ng		98
49) Dimethylphthalate	13.52	163	2158877	40.975	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	444694	41.738	ng	#	54
51) Acenaphthene	14.10	154	1463489	40.363	ng		97
52) 3-Nitroaniline	13.96	138	393530	42.564	ng	#	16
53) 2,4-Dinitrophenol	14.17	184	333163	44.000	ng	#	89
54) Dibenzofuran	14.44	168	2455841	41.802	ng	#	88
55) 4-Nitrophenol	14.29	139	342475	42.161	ng	#	82
56) 2,4-Dinitrotoluene	14.43	165	701634	46.909	ng		89
57) Fluorene	15.10	166	2219863	43.398	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.68	232	675778	43.707	ng	#	100
59) Diethylphthalate	14.90	149	2337258	43.437	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1311981	42.483	ng		96
61) 4-Nitroaniline	15.14	138	440120	44.817	ng	#	1
62) Azobenzene	15.40	77	2785655	48.373	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	503231	41.154	ng		93
65) n-Nitrosodiphenylamine	15.33	169	2002830	38.745	ng		98
66) 4-Bromophenyl-phenylether	16.00	248	909317	39.161	ng	#	87
67) Hexachlorobenzene	16.10	284	1025494	39.083	ng	#	87
68) Atrazine	16.29	200	847606	40.917	ng		95
69) Pentachlorophenol	16.46	266	690946	41.478	ng		97
70) Phenanthrene	16.84	178	3908411	41.324	ng		99
71) Anthracene	16.93	178	3890498	41.246	ng		99
72) Carbazole	17.21	167	3517104	42.637	ng		99
73) Di-n-butylphthalate	17.79	149	4422641	44.026	ng	#	96
74) Fluoranthene	18.87	202	5240749	44.714	ng		97
76) Benzidine	19.07	184	1960273	38.249	ng		100
77) Pyrene	19.24	202	5315758	41.760	ng		99
79) Butylbenzylphthalate	20.17	149	2026061	44.760	ng	#	64
80) Benzo(a)anthracene	21.00	228	5015112	40.999	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	1940922	40.446	ng	#	96
82) Chrysene	21.06	228	4719614	40.194	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2916859	43.803	ng	#	99
84) Di-n-octyl phthalate	21.81	149	4481639	41.467	ng		97
85) Indeno(1,2,3-cd)pyrene	25.21	276	3809489	31.326	ng	#	96
87) Benzo(b)fluoranthene	22.51	252	4325632	41.732	ng	#	93
88) Benzo(k)fluoranthene	22.55	252	4277278	43.054	ng	#	94
89) Benzo(a)pyrene	23.04	252	3863576	41.193	ng	#	96
90) Dibenzo(a,h)anthracene	25.21	278	3095391	35.601	ng	#	90
91) Benzo(g,h,i)perylene	25.83	276	2976763	34.865	ng	#	84

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

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