Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011094.D
Acq On : 02 Aug 2017 15:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2017 6:22:38 PM

Quant Time: Aug 03 01:55:02 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	203998	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	866506	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	672534	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1886900	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	2321302	20.00	ng		0.00
86) Perylene-d12	23.13	264	1809433	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	949319	78.67	ng		-0.01
7) Phenol-d6	6.58	99	1472249	85.87	ng		-0.01
23) Nitrobenzene-d5	8.53	82	2084531	90.29	ng		-0.01
41) 2,4,6-Tribromophenol	15.55	330	943096	87.49	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	4139095	77.19	ng		-0.01
78) Terphenyl-d14	19.46	244	9673583	82.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	210417	38.834	ng	#	100
3) Pyridine	3.40	79	645923	43.644	ng	#	87
4) n-Nitrosodimethylamine	3.32	42	330620	43.836	ng	#	74
6) Aniline	6.73	93	943726	43.671	ng	#	89
8) 2-Chlorophenol	6.95	128	493245	40.259	ng	#	77
9) Benzaldehyde	6.54	77	474874	42.805	ng	#	81
10) Phenol	6.60	94	782000	41.990	ng		97
11) bis(2-Chloroethyl)ether	6.83	93	613358	42.269	ng		91
12) 1,3-Dichlorobenzene	7.27	146	576454	38.606	ng	#	81
13) 1,4-Dichlorobenzene	7.42	146	595491	38.907	ng	#	87
14) 1,2-Dichlorobenzene	7.72	146	581017	39.704	ng	#	86
15) Benzyl Alcohol	7.63	79	727091	44.204	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.92	45	572488	43.843	ng		76
17) 2-Methylphenol	7.83	107	520351	43.718	ng	#	76
18) Hexachloroethane	8.43	117	272857	40.880	ng	#	83
19) n-Nitroso-di-n-propylamine	8.19	70	691391	47.452	ng	#	91
20) 3+4-Methylphenols	8.16	107	727796	43.988	ng	#	78
22) Acetophenone	8.20	105	1061291	40.859	ng	#	91
24) Nitrobenzene	8.57	77	1045784	43.713	ng	#	83
25) Isophorone	9.09	82	1752053	45.515	ng	#	86
26) 2-Nitrophenol	9.27	139	319973	42.034	ng	#	31
27) 2,4-Dimethylphenol	9.35	122	546889	40.811	ng	#	66
28) bis(2-Chloroethoxy)methane	9.58	93	917492	42.734	ng		99
29) 2,4-Dichlorophenol	9.80	162	629648	41.814	ng		89
30) 1,2,4-Trichlorobenzene	10.01	180	751004	40.336	ng		95
31) Naphthalene	10.19	128	1750402	40.155	ng		99
32) Benzoic acid	9.52	122	503081	46.706	ng	#	55
33) 4-Chloroaniline	10.31	127	736729	42.366	ng	#	75
34) Hexachlorobutadiene	10.48	225	591462	40.333	ng		96
35) Caprolactam	11.11	113	204146m	47.805	ng		
36) 4-Chloro-3-methylphenol	11.45	107	886466	45.591	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1345141	42.006	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1097697	37.990	ng	#	100
40) Hexachlorocyclopentadiene	12.17	237	617811	36.695	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	714662	40.864	ng		98
43) 2,4,5-Trichlorophenol	12.52	196	715370	39.715	ng	#	87
45) 1,1'-Biphenyl	12.86	154	2216874	38.122	ng		97
46) 2-Chloronaphthalene	12.90	162	1631361	38.075	ng		93
47) 2-Nitroaniline	13.12	65	707003	46.642	ng	#	67
48) Acenaphthylene	13.76	152	2566243	40.133	ng		98
49) Dimethylphthalate	13.52	163	2342458	40.715	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	501832	43.134	ng	#	56
51) Acenaphthene	14.10	154	1599751	40.405	ng		100
52) 3-Nitroaniline	13.96	138	434081	42.996	ng	#	29
53) 2,4-Dinitrophenol	14.17	184	312926	37.846	ng	#	83
54) Dibenzofuran	14.45	168	2626772	40.946	ng	#	91
55) 4-Nitrophenol	14.28	139	373076	42.061	ng		89
56) 2,4-Dinitrotoluene	14.43	165	741564	45.404	ng	#	91
57) Fluorene	15.10	166	2348175	42.041	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.68	232	721109	42.711	ng	#	100
59) Diethylphthalate	14.90	149	2528554	43.035	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1413262	41.908	ng		96
61) 4-Nitroaniline	15.14	138	495674	46.223	ng	#	1
62) Azobenzene	15.40	77	2869550	45.633	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	478251	37.439	ng		93
65) n-Nitrosodiphenylamine	15.33	169	2093185	38.762	ng		98
66) 4-Bromophenyl-phenylether	16.00	248	952892	39.283	ng	#	89
67) Hexachlorobenzene	16.10	284	1065213	38.862	ng	#	87
68) Atrazine	16.29	200	889641	41.111	ng		99
69) Pentachlorophenol	16.45	266	716326	41.163	ng		97
70) Phenanthrene	16.84	178	4061206	41.104	ng		100
71) Anthracene	16.93	178	4019204	40.789	ng		99
72) Carbazole	17.21	167	3631933	42.147	ng		99
73) Di-n-butylphthalate	17.79	149	4526713	43.136	ng	#	96
74) Fluoranthene	18.87	202	5389512	44.018	ng		98
76) Benzidine	19.07	184	2127800	38.317	ng		99
77) Pyrene	19.24	202	5605481	40.640	ng		99
79) Butylbenzylphthalate	20.17	149	2100102	42.818	ng	#	63
80) Benzo(a)anthracene	21.00	228	5460643	41.199	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	2148697	41.324	ng	#	98
82) Chrysene	21.06	228	5026237	39.505	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	3070073	42.549	ng	#	99
84) Di-n-octyl phthalate	21.82	149	4906277	41.895	ng		97
85) Indeno(1,2,3-cd)pyrene	25.21	276	4106569	31.165	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	5061338	43.583	ng	#	92
88) Benzo(k)fluoranthene	22.55	252	4551141	40.888	ng	#	95
89) Benzo(a)pyrene	23.04	252	4278342	40.714	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	3328827	34.171	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	3189878	33.347	ng	#	84

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

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