Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
Data File : BM011214.D
Acq On : 12 Aug 2017 11:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/14/2017 7:09:17 PM

Quant Time: Aug 14 04:15:34 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	7.29	152	191163	20.00	ng		-0.10
21) Naphthalene-d8	10.05	136	811610	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	640867	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	1737446	20.00	ng		-0.09
75) Chrysene-d12	20.94	240	2234037	20.00	ng		-0.08
86) Perylene-d12	23.02	264	1981105	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	868490	76.80	ng		-0.10
7) Phenol-d6	6.50	99	1260623	78.46	ng		-0.09
23) Nitrobenzene-d5	8.45	82	1902441	87.98	ng		-0.09
41) 2,4,6-Tribromophenol	15.47	330	812092	79.06	ng		-0.09
44) 2-Fluorobiphenyl	12.57	172	3719941	72.80	ng		-0.09
78) Terphenyl-d14	19.39	244	8342202	73.97	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	214288	42.204	ng	#	100
3) Pyridine	3.30	79	576734	41.585	ng		87
4) n-Nitrosodimethylamine	3.22	42	362985	51.359	ng	#	63
6) Aniline	6.64	93	808514	39.926	ng	#	81
8) 2-Chlorophenol	6.86	128	434641	37.857	ng	#	67
9) Benzaldehyde	6.45	77	434611	41.806	ng	#	68
10) Phenol	6.52	94	690054	39.541	ng		87
11) bis(2-Chloroethyl)ether	6.75	93	529238	38.921	ng		86
12) 1,3-Dichlorobenzene	7.18	146	532058	38.025	ng	#	74
13) 1,4-Dichlorobenzene	7.33	146	559595	39.017	ng	#	91
14) 1,2-Dichlorobenzene	7.63	146	520182	37.934	ng	#	86
15) Benzyl Alcohol	7.55	79	688734	44.684	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.84	45	549869	44.938	ng		73
17) 2-Methylphenol	7.75	107	450197	40.363	ng	#	69
18) Hexachloroethane	8.35	117	268890	42.990	ng	#	81
19) n-Nitroso-di-n-propylamine	8.11	70	640274	46.894	ng	#	91
20) 3+4-Methylphenols	8.08	107	611858	39.464	ng	#	78
22) Acetophenone	8.12	105	908746	37.353	ng	#	88
24) Nitrobenzene	8.49	77	985401	43.975	ng	#	81
25) Isophorone	9.01	82	1536905	42.626	ng	#	82
26) 2-Nitrophenol	9.18	139	260546	36.542	ng	#	1
27) 2,4-Dimethylphenol	9.26	122	454372	36.200	ng	#	65
28) bis(2-Chloroethoxy)methane	9.50	93	794974	39.532	ng	#	98
29) 2,4-Dichlorophenol	9.72	162	553368	39.234	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	694637	39.832	ng		100
31) Naphthalene	10.10	128	1532405	37.532	ng		98
32) Benzoic acid	9.44	122	346758	34.370	ng	#	43
33) 4-Chloroaniline	10.22	127	575865	35.356	ng	#	64
34) Hexachlorobutadiene	10.39	225	607883	44.256	ng		97
35) Caprolactam	11.03	113	159158	39.791	ng	#	86
36) 4-Chloro-3-methylphenol	11.37	107	758528	41.650	ng	#	70
37) 2-Methylnaphthalene	11.73	142	1172459	39.090	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	1033332	37.530	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	577876	36.019	ng		98

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42) 2,4,6-Trichlorophenol	12.37	196	614216	36.856	ng		97
43) 2,4,5-Trichlorophenol	12.44	196	611193	35.608	ng	#	85
45) 1,1'-Biphenyl	12.78	154	1985414	35.828	ng		95
46) 2-Chloronaphthalene	12.82	162	1450228	35.520	ng	#	92
47) 2-Nitroaniline	13.04	65	657356	45.510	ng	#	60
48) Acenaphthylene	13.67	152	2224130	36.502	ng		100
49) Dimethylphthalate	13.45	163	1965640	35.854	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	415713	37.498	ng	#	30
51) Acenaphthene	14.03	154	1409281	37.353	ng		99
52) 3-Nitroaniline	13.89	138	335535	34.877	ng	#	26
53) 2,4-Dinitrophenol	14.10	184	285869	36.282	ng	#	80
54) Dibenzofuran	14.37	168	2316068	37.887	ng	#	89
55) 4-Nitrophenol	14.22	139	254725	30.137	ng	#	71
56) 2,4-Dinitrotoluene	14.35	165	616728	39.626	ng	#	77
57) Fluorene	15.02	166	2073574	38.959	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.60	232	618871	38.467	ng	#	100
59) Diethylphthalate	14.83	149	2162553	38.624	ng		98
60) 4-Chlorophenyl-phenylether	15.03	204	1241046	38.620	ng		100
61) 4-Nitroaniline	15.06	138	353697m	34.613	ng		
62) Azobenzene	15.32	77	2798410	46.700	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	453675	38.570	ng		90
65) n-Nitrosodiphenylamine	15.25	169	1802675	36.254	ng		100
66) 4-Bromophenyl-phenylether	15.93	248	835537	37.408	ng	#	90
67) Hexachlorobenzene	16.03	284	940606	37.268	ng	#	83
68) Atrazine	16.22	200	716511	35.958	ng		97
69) Pentachlorophenol	16.38	266	601665	37.548	ng		97
70) Phenanthrene	16.76	178	3494462	38.411	ng		99
71) Anthracene	16.85	178	3510111	38.687	ng		100
72) Carbazole	17.13	167	3018226	38.038	ng		99
73) Di-n-butylphthalate	17.72	149	3863181	39.980	ng	#	95
74) Fluoranthene	18.80	202	4631945	41.085	ng		98
76) Benzidine	19.01	184	1239899	23.200	ng		99
77) Pyrene	19.16	202	4766010	35.904	ng		100
79) Butylbenzylphthalate	20.11	149	1832990	38.832	ng	#	65
80) Benzo(a)anthracene	20.93	228	4927129	38.625	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	1877634	37.521	ng	#	98
82) Chrysene	20.99	228	4659175	38.050	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	2694102	38.797	ng	#	97
84) Di-n-octyl phthalate	21.74	149	4531940	40.211	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.06	276	4935012	38.915	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	4891544	38.471	ng	#	93
88) Benzo(k)fluoranthene	22.46	252	4561741	37.432	ng	#	94
89) Benzo(a)pyrene	22.94	252	4501202	39.123	ng	#	95
90) Dibenzo(a,h)anthracene	25.06	278	4031641m	37.799	ng		
91) Benzo(g,h,i)perylene	25.67	276	4118381m	39.322	ng		

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

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