Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010819.D
Acq On : 13 Jul 2017 19:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 14 01:26:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	193041	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	841834	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	603447	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1511856	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1597898	20.00	ng		0.00
86) Perylene-d12	23.20	264	1431452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	902974	77.48	ng		0.00
7) Phenol-d6	6.64	99	1254573	78.09	ng		0.00
23) Nitrobenzene-d5	8.59	82	1681847	76.79	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	758261	82.22	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3779356	77.91	ng		0.00
78) Terphenyl-d14	19.51	244	6738764	81.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	189673	36.886	ng	#	100
3) Pyridine	3.46	79	539603	38.390	ng		87
4) n-Nitrosodimethylamine	3.39	42	315093	43.863	ng	#	61
6) Aniline	6.79	93	790996	39.304	ng		94
8) 2-Chlorophenol	7.02	128	462949	40.123	ng		85
9) Benzaldehyde	6.60	77	429755	38.525	ng		89
10) Phenol	6.66	94	665445	39.176	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	513673	39.265	ng		93
12) 1,3-Dichlorobenzene	7.33	146	552749	38.765	ng	#	84
13) 1,4-Dichlorobenzene	7.48	146	561771	38.177	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	544942	38.864	ng	#	88
15) Benzyl Alcohol	7.69	79	638525	41.974	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.97	45	479017	42.234	ng		80
17) 2-Methylphenol	7.89	107	458650	41.751	ng	#	75
18) Hexachloroethane	8.50	117	251230	40.705	ng	#	82
19) n-Nitroso-di-n-propylamine	8.26	70	534905	42.032	ng		98
20) 3+4-Methylphenols	8.22	107	637767	41.787	ng		86
22) Acetophenone	8.26	105	940192	37.093	ng	#	91
24) Nitrobenzene	8.63	77	869969	38.759	ng	#	87
25) Isophorone	9.16	82	1418091	39.524	ng	#	86
26) 2-Nitrophenol	9.33	139	292798	39.203	ng	#	21
27) 2,4-Dimethylphenol	9.40	122	515288	38.655	ng	#	77
28) bis(2-Chloroethoxy)methane	9.65	93	770889	38.328	ng		99
29) 2,4-Dichlorophenol	9.86	162	593261	39.398	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	719219	39.069	ng		96
31) Naphthalene	10.26	128	1690144	39.485	ng		97
32) Benzoic acid	9.57	122	427311	40.855	ng	#	72
33) 4-Chloroaniline	10.37	127	708553	41.086	ng	#	77
34) Hexachlorobutadiene	10.55	225	582416	40.773	ng		97
35) Caprolactam	11.16	113	163088	40.680	ng	#	83
36) 4-Chloro-3-methylphenol	11.51	107	766914	42.104	ng	#	79
37) 2-Methylnaphthalene	11.88	142	1267670	41.232	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1028068	39.085	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	620766	41.168	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	637286	39.347	ng		95
43) 2,4,5-Trichlorophenol	12.58	196	648482	40.553	ng	#	87
45) 1,1'-Biphenyl	12.92	154	2058754	39.160	ng		96
46) 2-Chloronaphthalene	12.96	162	1493105	38.733	ng	#	92
47) 2-Nitroaniline	13.17	65	539975	42.612	ng	#	78
48) Acenaphthylene	13.82	152	2293706	40.006	ng		99
49) Dimethylphthalate	13.57	163	1994111	38.843	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	408906	40.608	ng	#	51
51) Acenaphthene	14.16	154	1403683	40.067	ng		99
52) 3-Nitroaniline	14.02	138	363629	39.723	ng	#	41
53) 2,4-Dinitrophenol	14.22	184	278498	40.009	ng	#	85
54) Dibenzofuran	14.50	168	2307079	40.711	ng		91
55) 4-Nitrophenol	14.33	139	309029	38.870	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	580566	41.550	ng		95
57) Fluorene	15.16	166	1969040	40.419	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	600756	40.433	ng	#	100
59) Diethylphthalate	14.95	149	2059860	40.628	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1205743	40.293	ng		98
61) 4-Nitroaniline	15.19	138	382595	39.987	ng	#	1
62) Azobenzene	15.45	77	2203192	42.794	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	386490	38.768	ng		97
65) n-Nitrosodiphenylamine	15.38	169	1723897	39.849	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	784432	40.941	ng	#	89
67) Hexachlorobenzene	16.16	284	870198	39.718	ng	#	86
68) Atrazine	16.34	200	710806	39.676	ng		95
69) Pentachlorophenol	16.51	266	556939	39.654	ng		97
70) Phenanthrene	16.90	178	3121201	39.684	ng		100
71) Anthracene	16.99	178	3126337	40.044	ng		99
72) Carbazole	17.26	167	2691486	39.144	ng		99
73) Di-n-butylphthalate	17.84	149	3263700	40.120	ng	#	95
74) Fluoranthene	18.92	202	3741142	38.407	ng		97
76) Benzidine	19.12	184	1771161	41.421	ng		98
77) Pyrene	19.29	202	3819430	41.232	ng		100
79) Butylbenzylphthalate	20.22	149	1348220	41.572	ng	#	72
80) Benzo(a)anthracene	21.05	228	3677101	39.714	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	1453080	39.913	ng	#	98
82) Chrysene	21.10	228	3457297	39.208	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1914874	40.546	ng		99
84) Di-n-octyl phthalate	21.87	149	3186787	41.184	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	3911968	38.689	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3668532	40.346	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	3467423	39.925	ng	#	95
89) Benzo(a)pyrene	23.11	252	3362748	40.631	ng	#	96
90) Dibenzo(a,h)anthracene	25.32	278	3195694	39.783	ng	#	89
91) Benzo(g,h,i)perylene	25.95	276	3133610	39.684	ng	#	85

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

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