Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011376.D
Acq On : 31 Aug 2017 17:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 05:01:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	535698	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2473905	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1432258	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	3222470	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3593228	20.00	ng		0.00
86) Perylene-d12	23.91	264	3420343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2431781	76.41	ng		0.00
7) Phenol-d6	7.14	99	3428407	77.69	ng		0.00
23) Nitrobenzene-d5	9.16	82	3002817	79.99	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	1328792	80.19	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	7654383	77.04	ng		0.00
78) Terphenyl-d14	19.97	244	11095031	76.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	497242	37.488	ng	#	100
3) Pyridine	3.84	79	1603838	39.484	ng	#	84
4) n-Nitrosodimethylamine	3.75	42	796277	38.392	ng	#	74
6) Aniline	7.32	93	2298588	38.352	ng		96
8) 2-Chlorophenol	7.55	128	1440532	38.395	ng		92
9) Benzaldehyde	7.13	77	923203	35.990	ng		98
10) Phenol	7.17	94	1868099	38.507	ng	#	74
11) bis(2-Chloroethyl)ether	7.41	93	1480925	38.193	ng		85
12) 1,3-Dichlorobenzene	7.88	146	1630602	38.167	ng		98
13) 1,4-Dichlorobenzene	8.03	146	1666762	38.362	ng		98
14) 1,2-Dichlorobenzene	8.35	146	1601667	38.087	ng		97
15) Benzyl Alcohol	8.23	79	1241201	38.903	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	2507548	38.672	ng		93
17) 2-Methylphenol	8.42	107	1197016	38.534	ng		96
18) Hexachloroethane	9.08	117	565455	38.017	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	1242700	38.353	ng	#	85
20) 3+4-Methylphenols	8.76	107	1675065	38.864	ng		98
22) Acetophenone	8.82	105	2295359	37.339	ng	#	91
24) Nitrobenzene	9.20	77	1633179	39.481	ng		94
25) Isophorone	9.73	82	3153340	37.488	ng		94
26) 2-Nitrophenol	9.91	139	650065	37.706	ng	#	86
27) 2,4-Dimethylphenol	9.96	122	1473930	37.579	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	2161383	37.654	ng		99
29) 2,4-Dichlorophenol	10.44	162	1433964	39.077	ng		99
30) 1,2,4-Trichlorobenzene	10.66	180	1541802	37.955	ng		98
31) Naphthalene	10.86	128	5033440	37.684	ng		99
32) Benzoic acid	10.10	122	970461	38.027	ng		96
33) 4-Chloroaniline	10.96	127	2216276	37.929	ng	#	91
34) Hexachlorobutadiene	11.13	225	876775	37.881	ng		96
35) Caprolactam	11.74	113	498301	37.706	ng	#	63
36) 4-Chloro-3-methylphenol	12.07	107	1645482	38.178	ng		93
37) 2-Methylnaphthalene	12.46	142	3534657	38.021	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1657763	38.462	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	739168	37.410	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1124867	39.426	ng		99
43) 2,4,5-Trichlorophenol	13.13	196	1137719	39.264	ng	#	90
45) 1,1'-Biphenyl	13.46	154	4795524	37.715	ng		97
46) 2-Chloronaphthalene	13.50	162	3593368	38.043	ng		95
47) 2-Nitroaniline	13.70	65	1114544	38.414	ng		86
48) Acenaphthylene	14.35	152	5578428	37.904	ng		100
49) Dimethylphthalate	14.08	163	4288080	37.679	ng		100
50) 2,6-Dinitrotoluene	14.19	165	854501	39.654	ng	#	90
51) Acenaphthene	14.69	154	3645788	38.149	ng		99
52) 3-Nitroaniline	14.53	138	1111776	39.721	ng	#	88
53) 2,4-Dinitrophenol	14.73	184	270743	39.336	ng		88
54) Dibenzofuran	15.02	168	5015616	38.061	ng		95
55) 4-Nitrophenol	14.82	139	871169	39.994	ng	#	46
56) 2,4-Dinitrotoluene	14.98	165	1130177	38.297	ng	#	80
57) Fluorene	15.67	166	4391384	38.224	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.24	232	946568	40.370	ng	#	100
59) Diethylphthalate	15.44	149	4406101	37.576	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	2035468	37.984	ng		95
61) 4-Nitroaniline	15.69	138	1168528	40.161	ng		84
62) Azobenzene	15.96	77	4030609	38.141	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	462183	39.547	ng		89
65) n-Nitrosodiphenylamine	15.87	169	3816892	37.589	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	1296441	38.248	ng	#	90
67) Hexachlorobenzene	16.67	284	1509012	37.936	ng	#	91
68) Atrazine	16.82	200	1134777	38.131	ng		97
69) Pentachlorophenol	17.01	266	884263	40.493	ng		98
70) Phenanthrene	17.41	178	6909524	38.502	ng		98
71) Anthracene	17.50	178	6959284	38.564	ng		98
72) Carbazole	17.76	167	6697318	38.511	ng		99
73) Di-n-butylphthalate	18.32	149	8014973	39.670	ng		99
74) Fluoranthene	19.42	202	8095623	39.535	ng		95
76) Benzidine	19.59	184	3301106	46.548	ng		99
77) Pyrene	19.77	202	8449351	38.374	ng		98
79) Butylbenzylphthalate	20.66	149	3762538	38.680	ng		96
80) Benzo(a)anthracene	21.51	228	7729340	38.460	ng		98
81) 3,3'-Dichlorobenzidine	21.44	252	3121437	40.911	ng		100
82) Chrysene	21.57	228	7304341	38.561	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	5565756	39.029	ng		99
84) Di-n-octyl phthalate	22.36	149	9847649	40.964	ng	#	96
85) Indeno(1,2,3-cd)pyrene	26.37	276	7399441	41.877	ng	#	88
87) Benzo(b)fluoranthene	23.19	252	8032950	38.254	ng		99
88) Benzo(k)fluoranthene	23.24	252	7471821	37.111	ng		98
89) Benzo(a)pyrene	23.81	252	7287884	38.479	ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	6480601	39.981	ng		99
91) Benzo(g,h,i)perylene	27.13	276	6205583	39.614	ng		99

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

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