Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015235.D
Acq On : 22 May 2018 12:01
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: May 22 13:53:28 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 13:50:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	202711	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	837706	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	438346	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	916189	20.00	ng		0.00
75) Chrysene-d12	21.83	240	887944	20.00	ng		0.00
86) Perylene-d12	24.27	264	875869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	232570	20.00	ng		0.00
7) Phenol-d6	7.55	99	307203	18.65	ng		0.00
23) Nitrobenzene-d5	9.59	82	289187	15.42	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	101168	16.26	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	681775	19.42	ng		0.00
78) Terphenyl-d14	20.29	244	797824	17.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	48882	10.228	ng	#	100
3) Pyridine	4.08	79	112119	8.472	ng	#	88
4) n-Nitrosodimethylamine	3.98	42	65244	7.739	ng	#	68
6) Aniline	7.72	93	189374	9.018	ng		97
8) 2-Chlorophenol	7.96	128	133661	10.112	ng		95
9) Benzaldehyde	7.53	77	110268	9.302	ng		95
10) Phenol	7.57	94	157080	9.660	ng		79
11) bis(2-Chloroethyl)ether	7.81	93	123623	9.618	ng		90
12) 1,3-Dichlorobenzene	8.29	146	154160	9.330	ng	#	96
13) 1,4-Dichlorobenzene	8.45	146	155660	9.378	ng		96
14) 1,2-Dichlorobenzene	8.77	146	148471	8.888	ng		96
15) Benzyl Alcohol	8.65	79	110311	7.228	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	204017	15.604	ng		95
17) 2-Methylphenol	8.85	107	106881	8.588	ng		92
18) Hexachloroethane	9.50	117	54192	7.553	ng		93
19) n-Nitroso-di-n-propylamine	9.22	70	99030	6.979	ng		89
20) 3+4-Methylphenols	9.17	107	140176	7.777	ng		92
22) Acetophenone	9.25	105	194232	8.064	ng	#	95
24) Nitrobenzene	9.63	77	150528	7.795	ng		96
25) Isophorone	10.16	82	242113	7.793	ng		96
26) 2-Nitrophenol	10.35	139	59217	8.130	ng	#	81
27) 2,4-Dimethylphenol	10.39	122	122491	11.033	ng		93
28) bis(2-Chloroethoxy)methane	10.63	93	166344	10.440	ng		98
29) 2,4-Dichlorophenol	10.89	162	115960	9.347	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	139186	8.511	ng		98
31) Naphthalene	11.29	128	420838	9.175	ng		99
32) Benzoic acid	10.48	122	57815	6.600	ng		98
33) 4-Chloroaniline	11.40	127	165578	8.684	ng	#	92
34) Hexachlorobutadiene	11.56	225	83618	7.454	ng		98
35) Caprolactam	12.16	113	28227	6.363	ng		98
36) 4-Chloro-3-methylphenol	12.49	107	119387	7.768	ng		91
37) 2-Methylnaphthalene	12.87	142	291400	8.436	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	147367	9.595	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	65297	8.442	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	85216	9.444	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	92826	9.318	ng	#	89
45) 1,1'-Biphenyl	13.86	154	370368	9.754	ng		99
46) 2-Chloronaphthalene	13.91	162	286946	9.955	ng		95
47) 2-Nitroaniline	14.11	65	68632	6.471	ng		86
48) Acenaphthylene	14.74	152	414219	8.764	ng		99
49) Dimethylphthalate	14.46	163	341819	8.711	ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	68028	8.448	ng		91
51) Acenaphthene	15.09	154	264289	9.072	ng		100
52) 3-Nitroaniline	14.92	138	63705	7.648	ng	#	79
53) 2,4-Dinitrophenol	15.13	184	25658	6.751	ng		88
54) Dibenzofuran	15.41	168	425494	9.347	ng		94
55) 4-Nitrophenol	15.22	139	49372	8.625	ng	#	55
56) 2,4-Dinitrotoluene	15.37	165	84915	6.833	ng	#	78
57) Fluorene	16.06	166	326342	8.148	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	81937	8.349	ng	#	100
59) Diethylphthalate	15.80	149	333585	7.658	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	167192	8.031	ng		93
61) 4-Nitroaniline	16.07	138	64640	7.756	ng	#	72
62) Azobenzene	16.33	77	313704	6.934	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	37609	6.510	ng		95
65) n-Nitrosodiphenylamine	16.25	169	281113	9.719	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	96194	8.958	ng	#	86
67) Hexachlorobenzene	17.04	284	113586	9.634	ng	#	87
68) Atrazine	17.17	200	88141	8.125	ng		98
69) Pentachlorophenol	17.39	266	52751	7.474	ng		97
70) Phenanthrene	17.78	178	502638	9.095	ng		99
71) Anthracene	17.87	178	490494	9.108	ng		99
72) Carbazole	18.13	167	434525	8.584	ng		99
73) Di-n-butylphthalate	18.65	149	491227	7.583	ng		99
74) Fluoranthene	19.75	202	542721	8.341	ng		98
76) Benzidine	19.92	184	282518	10.684	ng		98
77) Pyrene	20.11	202	553023	8.965	ng		99
79) Butylbenzylphthalate	20.95	149	204755	7.370	ng		89
80) Benzo(a)anthracene	21.82	228	546655	9.475	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	197153	9.143	ng		99
82) Chrysene	21.87	228	511657	9.142	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	292427	7.216	ng		97
84) Di-n-octyl phthalate	22.63	149	478155	8.524	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	588550	13.375	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	532070	8.755	ng		98
88) Benzo(k)fluoranthene	23.57	252	512733	8.875	ng		99
89) Benzo(a)pyrene	24.17	252	491011	9.168	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	507584	11.597	ng		99
91) Benzo(g,h,i)perylene	27.57	276	490486	11.986	ng		96

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

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