Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010795.D
Acq On : 12 Jul 2017 11:18
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC025

Quant Time: Jul 12 14:00:28 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 13:55:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	157412	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	583376	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	376543	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	949063	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1184802	20.00	ng		0.00
86) Perylene-d12	23.20	264	1155857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	471102	54.05	ng		0.00
7) Phenol-d6	6.63	99	636329	56.73	ng		0.00
23) Nitrobenzene-d5	8.59	82	752347	69.58	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	288029	50.36	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	1474577	50.34	ng		0.00
78) Terphenyl-d14	19.51	244	2896183	55.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	107343	26.801	ng	#	100
3) Pyridine	3.46	79	287427	26.808	ng	#	85
4) n-Nitrosodimethylamine	3.38	42	146188	37.697	ng	#	69
6) Aniline	6.79	93	397785	28.623	ng		94
8) 2-Chlorophenol	7.02	128	231172	24.375	ng		85
9) Benzaldehyde	6.60	77	226317	32.413	ng		89
10) Phenol	6.66	94	339312	28.706	ng		95
11) bis(2-Chloroethyl)ether	6.89	93	260444	29.559	ng		94
12) 1,3-Dichlorobenzene	7.34	146	288794	23.963	ng	#	87
13) 1,4-Dichlorobenzene	7.48	146	289487	23.383	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	279518	23.521	ng	#	86
15) Benzyl Alcohol	7.69	79	288287	33.971	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.99	45	223838	25.838	ng		81
17) 2-Methylphenol	7.89	107	213913	25.433	ng	#	81
18) Hexachloroethane	8.50	117	122493	30.522	ng	#	83
19) n-Nitroso-di-n-propylamine	8.25	70	240502	30.378	ng		93
20) 3+4-Methylphenols	8.22	107	293129	25.805	ng	#	84
22) Acetophenone	8.26	105	424278	28.372	ng	#	92
24) Nitrobenzene	8.63	77	395075	35.466	ng	#	88
25) Isophorone	9.16	82	608723	32.579	ng	#	86
26) 2-Nitrophenol	9.33	139	127981	27.256	ng	#	33
27) 2,4-Dimethylphenol	9.40	122	230882	27.232	ng	#	72
28) bis(2-Chloroethoxy)methane	9.65	93	339022	28.591	ng		96
29) 2,4-Dichlorophenol	9.86	162	259813	26.616	ng		96
30) 1,2,4-Trichlorobenzene	10.07	180	309854	24.534	ng		98
31) Naphthalene	10.26	128	731913	23.453	ng		99
32) Benzoic acid	9.51	122	179707	31.104	ng	#	74
33) 4-Chloroaniline	10.37	127	298756	24.849	ng	#	76
34) Hexachlorobutadiene	10.55	225	243276	28.876	ng		98
35) Caprolactam	11.14	113	70115	25.033	ng	#	80
36) 4-Chloro-3-methylphenol	11.51	107	301907	28.557	ng	#	75
37) 2-Methylnaphthalene	11.88	142	516381	22.982	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	419316	28.959	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	226399	27.080	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	249577	29.263	ng		93
43) 2,4,5-Trichlorophenol	12.58	196	252401	26.783	ng	#	89
45) 1,1'-Biphenyl	12.92	154	802653	25.921	ng		97
46) 2-Chloronaphthalene	12.96	162	587445	23.432	ng	#	90
47) 2-Nitroaniline	13.17	65	197551	30.643	ng	#	70
48) Acenaphthylene	13.82	152	891625	24.052	ng		98
49) Dimethylphthalate	13.57	163	786255	23.409	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	162958	25.551	ng	#	67
51) Acenaphthene	14.16	154	537508	23.324	ng		98
52) 3-Nitroaniline	14.01	138	146950	24.790	ng	#	46
53) 2,4-Dinitrophenol	14.22	184	105017	28.565	ng	#	89
54) Dibenzofuran	14.50	168	872827	24.086	ng	#	91
55) 4-Nitrophenol	14.33	139	129728	27.194	ng	#	3
56) 2,4-Dinitrotoluene	14.47	165	220872	24.478	ng		96
57) Fluorene	15.16	166	733980	23.291	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	232789	29.001	ng	#	100
59) Diethylphthalate	14.95	149	814546	25.650	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	463777	26.212	ng		98
61) 4-Nitroaniline	15.18	138	149910	24.912	ng	#	1
62) Azobenzene	15.45	77	812200	34.783	ng		86
64) 4,6-Dinitro-2-methylphenol	15.24	198	152326	26.272	ng		91
65) n-Nitrosodiphenylamine	15.37	169	656390	23.077	ng		98
66) 4-Bromophenyl-phenylether	16.06	248	301661	24.829	ng	#	88
67) Hexachlorobenzene	16.16	284	344306	23.326	ng	#	90
68) Atrazine	16.34	200	276314	25.621	ng		96
69) Pentachlorophenol	16.50	266	221738	27.350	ng		95
70) Phenanthrene	16.89	178	1217346	22.926	ng		99
71) Anthracene	16.99	178	1225896	23.264	ng		99
72) Carbazole	17.26	167	1095587	23.482	ng		99
73) Di-n-butylphthalate	17.84	149	1274348	23.037	ng	#	96
74) Fluoranthene	18.92	202	1538774	22.319	ng		96
76) Benzidine	19.12	184	776748	35.543	ng		99
77) Pyrene	19.29	202	1624432	25.573	ng		99
79) Butylbenzylphthalate	20.22	149	575129	24.459	ng	#	73
80) Benzo(a)anthracene	21.05	228	1696192	25.976	ng		98
81) 3,3'-Dichlorobenzidine	21.00	252	651941	24.821	ng	#	98
82) Chrysene	21.10	228	1601677	25.862	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	820046	23.320	ng		98
84) Di-n-octyl phthalate	21.87	149	1426230	22.654	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	1902229	20.946	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	1785415	26.393	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	1673151	25.245	ng	#	95
89) Benzo(a)pyrene	23.11	252	1633271	25.338	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	1572306	21.813	ng	#	90
91) Benzo(g,h,i)perylene	25.94	276	1567248	22.190	ng	#	85

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

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