Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010794.D
Acq On : 12 Jul 2017 10:42
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Jul 12 13:59:44 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	156641	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	664901	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	484398	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1309248	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1600350	20.00	ng		0.00
86) Perylene-d12	23.20	264	1418324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	182571	21.05	ng		0.00
7) Phenol-d6	6.63	99	255051	22.85	ng		0.00
23) Nitrobenzene-d5	8.59	82	324020	26.29	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	152171	20.68	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	713285	18.93	ng		0.00
78) Terphenyl-d14	19.51	244	1603148	22.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	40196	10.085	ng	#	100
3) Pyridine	3.47	79	113742	10.661	ng		88
4) n-Nitrosodimethylamine	3.39	42	60228	15.607	ng	#	67
6) Aniline	6.79	93	168829	12.208	ng		97
8) 2-Chlorophenol	7.02	128	94242	9.986	ng		83
9) Benzaldehyde	6.60	77	100656	14.487	ng		91
10) Phenol	6.66	94	138977	11.815	ng		92
11) bis(2-Chloroethyl)ether	6.89	93	108481	12.373	ng		96
12) 1,3-Dichlorobenzene	7.34	146	117957	9.836	ng	#	76
13) 1,4-Dichlorobenzene	7.48	146	114529	9.297	ng	#	89
14) 1,2-Dichlorobenzene	7.79	146	114595	9.690	ng		95
15) Benzyl Alcohol	7.69	79	126828	15.018	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	96014	11.138	ng		70
17) 2-Methylphenol	7.89	107	87264	10.426	ng	#	67
18) Hexachloroethane	8.50	117	48136	12.053	ng	#	87
19) n-Nitroso-di-n-propylamine	8.25	70	109204	13.862	ng		96
20) 3+4-Methylphenols	8.22	107	124687	11.031	ng	#	79
22) Acetophenone	8.26	105	191014	11.207	ng	#	93
24) Nitrobenzene	8.63	77	166334	13.101	ng	#	87
25) Isophorone	9.15	82	287226	13.488	ng	#	86
26) 2-Nitrophenol	9.33	139	54829	10.245	ng	#	19
27) 2,4-Dimethylphenol	9.40	122	103548	10.716	ng	#	81
28) bis(2-Chloroethoxy)methane	9.65	93	160453	11.872	ng		98
29) 2,4-Dichlorophenol	9.86	162	110542	9.936	ng		93
30) 1,2,4-Trichlorobenzene	10.08	180	142910	9.928	ng		90
31) Naphthalene	10.26	128	315702	8.876	ng		98
32) Benzoic acid	9.49	122	79642	12.094	ng	#	74
33) 4-Chloroaniline	10.37	127	133069	9.711	ng	#	73
34) Hexachlorobutadiene	10.55	225	110211	11.478	ng		93
35) Caprolactam	11.13	113	33053	10.354	ng	#	81
36) 4-Chloro-3-methylphenol	11.50	107	147448	12.237	ng	#	75
37) 2-Methylnaphthalene	11.88	142	240505	9.391	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	191534	10.282	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	100295	9.325	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	120750	11.006	ng		94
43) 2,4,5-Trichlorophenol	12.57	196	120058	9.903	ng	#	83
45) 1,1'-Biphenyl	12.92	154	397307	9.974	ng		98
46) 2-Chloronaphthalene	12.96	162	287132	8.903	ng	#	92
47) 2-Nitroaniline	13.17	65	93658	11.293	ng	#	75
48) Acenaphthylene	13.82	152	438694	9.199	ng		97
49) Dimethylphthalate	13.57	163	409342	9.474	ng	#	97
50) 2,6-Dinitrotoluene	13.68	165	75182	9.163	ng	#	48
51) Acenaphthene	14.16	154	269574	9.093	ng		98
52) 3-Nitroaniline	14.01	138	69008	9.049	ng	#	48
53) 2,4-Dinitrophenol	14.22	184	54587	11.542	ng		89
54) Dibenzofuran	14.50	168	447119	9.591	ng		92
55) 4-Nitrophenol	14.33	139	62579	10.197	ng	#	10
56) 2,4-Dinitrotoluene	14.47	165	108659	9.361	ng	#	85
57) Fluorene	15.16	166	389340	9.604	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	119210	11.544	ng	#	100
59) Diethylphthalate	14.95	149	410988	10.060	ng		96
60) 4-Chlorophenyl-phenylether	15.16	204	240709	10.575	ng		95
61) 4-Nitroaniline	15.17	138	74814	9.664	ng	#	1
62) Azobenzene	15.45	77	420594	14.002	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	76541	9.570	ng		91
65) n-Nitrosodiphenylamine	15.37	169	356278	9.080	ng		95
66) 4-Bromophenyl-phenylether	16.06	248	152118	9.076	ng	#	88
67) Hexachlorobenzene	16.16	284	182764	8.975	ng	#	86
68) Atrazine	16.34	200	150944	10.146	ng		97
69) Pentachlorophenol	16.50	266	111144	9.937	ng		96
70) Phenanthrene	16.89	178	646454	8.825	ng		99
71) Anthracene	16.99	178	645062	8.874	ng		99
72) Carbazole	17.26	167	577279	8.969	ng		99
73) Di-n-butylphthalate	17.84	149	680078	8.912	ng	#	95
74) Fluoranthene	18.92	202	826920	8.694	ng		98
76) Benzidine	19.12	184	408530	13.840	ng		98
77) Pyrene	19.29	202	863090	10.059	ng		99
79) Butylbenzylphthalate	20.22	149	286212	9.011	ng	#	71
80) Benzo(a)anthracene	21.05	228	878518	9.961	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	327787	9.239	ng	#	92
82) Chrysene	21.10	228	848800	10.147	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	418640	8.814	ng	#	98
84) Di-n-octyl phthalate	21.87	149	653884	7.689	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	836061	6.816	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	817163	9.844	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	830453	10.212	ng	#	92
89) Benzo(a)pyrene	23.11	252	769220	9.725	ng	#	95
90) Dibenzo(a,h)anthracene	25.31	278	680178	7.690	ng	#	90
91) Benzo(g,h,i)perylene	25.94	276	649598	7.495	ng	#	88

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

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