Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010994.D
Acq On : 27 Jul 2017 05:11
Operator : SJ/JU
Sample : I4391-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMSD

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:47 PM

Quant Time: Jul 27 10:15:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	212428	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	914100	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	595975	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1695149	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1430524	20.00	ng		0.00
86) Perylene-d12	23.13	264	71980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1537705	122.37	ng		0.00
7) Phenol-d6	6.59	99	1955802	109.54	ng		0.00
23) Nitrobenzene-d5	8.54	82	1829791	75.13	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	1391619	145.69	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4138923	87.10	ng		0.00
78) Terphenyl-d14	19.47	244	7206072	99.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	152767	27.076	ng	#	100
3) Pyridine	3.43	79	375907	24.391	ng		88
4) n-Nitrosodimethylamine	3.33	42	287110	36.557	ng	#	71
6) Aniline	6.75	93	202305	8.990	ng	#	94
8) 2-Chlorophenol	6.97	128	488848	38.316	ng		87
9) Benzaldehyde	6.55	77	224540	19.437	ng		87
10) Phenol	6.62	94	679853	35.057	ng		97
11) bis(2-Chloroethyl)ether	6.84	93	542623	35.910	ng		92
12) 1,3-Dichlorobenzene	7.28	146	490558	31.550	ng	#	84
13) 1,4-Dichlorobenzene	7.43	146	502877	31.552	ng	#	88
14) 1,2-Dichlorobenzene	7.73	146	508200	33.350	ng	#	90
15) Benzyl Alcohol	7.64	79	158550	9.257	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.92	45	516195	37.963	ng		78
17) 2-Methylphenol	7.85	107	467224	37.697	ng	#	76
18) Hexachloroethane	8.45	117	218527	31.441	ng	#	83
19) n-Nitroso-di-n-propylamine	8.20	70	636025	41.920	ng	#	90
20) 3+4-Methylphenols	8.17	107	646184	37.506	ng		85
22) Acetophenone	8.21	105	988016	36.058	ng	#	94
24) Nitrobenzene	8.58	77	901138	35.705	ng	#	86
25) Isophorone	9.10	82	1602031	39.451	ng	#	86
26) 2-Nitrophenol	9.28	139	301758	37.577	ng	#	26
27) 2,4-Dimethylphenol	9.36	122	509717	36.056	ng	#	71
28) bis(2-Chloroethoxy)methane	9.59	93	373287	16.481	ng	#	97
29) 2,4-Dichlorophenol	9.81	162	634580	39.947	ng		92
30) 1,2,4-Trichlorobenzene	10.02	180	683183	34.783	ng		98
31) Naphthalene	10.20	128	1702557	37.024	ng		97
32) Benzoic acid	9.50	122	391200	34.428	ng	#	78
33) 4-Chloroaniline	10.35	127	94262	5.138	ng	#	79
34) Hexachlorobutadiene	10.49	225	513989	33.225	ng		99
35) Caprolactam	11.16	113	135322m	30.039	ng		
36) 4-Chloro-3-methylphenol	11.46	107	798217	38.915	ng	#	73
37) 2-Methylnaphthalene	11.83	142	1362931	40.345	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	981954	38.350	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1433369	96.072	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	664080	42.850	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	713044	44.671	ng	#	84
45) 1,1'-Biphenyl	12.87	154	1990456	38.625	ng		98
46) 2-Chloronaphthalene	12.90	162	1568003	41.297	ng	#	93
47) 2-Nitroaniline	13.13	65	330173	24.580	ng	#	70
48) Acenaphthylene	13.76	152	1566105	27.638	ng		99
49) Dimethylphthalate	13.53	163	2221872	43.581	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	475346	46.106	ng	#	61
51) Acenaphthene	14.12	154	1360834	38.786	ng		97
52) 3-Nitroaniline	13.97	138	190364	21.278	ng	#	46
53) 2,4-Dinitrophenol	14.18	184	694778	94.824	ng	#	90
54) Dibenzofuran	14.46	168	2700795	47.508	ng	#	91
55) 4-Nitrophenol	14.29	139	635909	80.902	ng		96
56) 2,4-Dinitrotoluene	14.43	165	690139	47.683	ng		94
57) Fluorene	15.11	166	2182800	44.100	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.69	232	760987	50.863	ng	#	100
59) Diethylphthalate	14.91	149	2399387	46.082	ng		100
60) 4-Chlorophenyl-phenylether	15.12	204	1322553	44.256	ng		98
61) 4-Nitroaniline	15.14	138	204563	21.527	ng	#	1
62) Azobenzene	15.40	77	2359018	42.333	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	467667	40.752	ng		94
65) n-Nitrosodiphenylamine	15.33	169	277855	5.727	ng		97
66) 4-Bromophenyl-phenylether	16.01	248	905286	41.542	ng	#	91
67) Hexachlorobenzene	16.12	284	956388	38.838	ng	#	93
69) Pentachlorophenol	16.46	266	1240834	79.370	ng		98
70) Phenanthrene	16.85	178	3683348	41.497	ng		100
71) Anthracene	16.94	178	3528756	39.863	ng		99
72) Carbazole	17.22	167	327501	4.230	ng		99
73) Di-n-butylphthalate	17.80	149	3892227	41.286	ng	#	96
74) Fluoranthene	18.88	202	4290224	39.003	ng		98
77) Pyrene	19.24	202	3245534	38.183	ng		99
79) Butylbenzylphthalate	20.18	149	1120425	37.069	ng	#	66
80) Benzo(a)anthracene	21.01	228	3377828	41.353	ng		99
82) Chrysene	21.06	228	3302020	42.114	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2072198	46.602	ng		99
84) Di-n-octyl phthalate	21.82	149	3113014	43.135	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	1532096	18.868	ng		96
87) Benzo(b)fluoranthene	22.51	252	2827519	612.046	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	2204356	497.839	ng	#	95
89) Benzo(a)pyrene	23.04	252	1478335	353.645	ng	#	97
90) Dibenzo(a,h)anthracene	25.23	278	2089932	539.300	ng	#	90
91) Benzo(g,h,i)perylene	25.84	276	1232501	323.889	ng	#	85

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

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