Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010834.D
Acq On : 14 Jul 2017 04:10
Operator : SJ/JU
Sample : I4145-07MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:38 AM

Quant Time: Jul 14 07:00:16 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 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	203399	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	839321	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	572879	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1354209	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1347468	20.00	ng		0.00
86) Perylene-d12	23.19	264	1205636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1741125	141.80	ng		0.00
7) Phenol-d6	6.65	99	2139437	126.39	ng		0.00
23) Nitrobenzene-d5	8.59	82	2048231	93.80	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1333326	152.30	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4541619	98.62	ng		0.00
78) Terphenyl-d14	19.51	244	6691695	96.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	187063	34.526	ng	#	100
3) Pyridine	3.48	79	357861	24.164	ng	#	89
4) n-Nitrosodimethylamine	3.39	42	347323	45.888	ng	#	60
6) Aniline	6.80	93	674366	31.802	ng	#	87
8) 2-Chlorophenol	7.02	128	555830	45.720	ng		88
9) Benzaldehyde	6.60	77	287067	24.423	ng		82
10) Phenol	6.67	94	722552	40.372	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	603470	43.780	ng		94
12) 1,3-Dichlorobenzene	7.33	146	612565	40.773	ng	#	79
13) 1,4-Dichlorobenzene	7.48	146	635196	40.969	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	616978	41.761	ng	#	93
15) Benzyl Alcohol	7.69	79	793247	49.489	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.98	45	551681	46.164	ng		77
17) 2-Methylphenol	7.89	107	546388	47.205	ng	#	78
18) Hexachloroethane	8.50	117	286570	44.066	ng	#	79
19) n-Nitroso-di-n-propylamine	8.26	70	615153	45.876	ng		95
20) 3+4-Methylphenols	8.22	107	729826	45.383	ng	#	83
22) Acetophenone	8.26	105	1070216	42.349	ng	#	95
24) Nitrobenzene	8.63	77	967383	43.228	ng	#	89
25) Isophorone	9.16	82	1598515	44.686	ng	#	87
26) 2-Nitrophenol	9.33	139	320699	43.067	ng	#	23
27) 2,4-Dimethylphenol	9.40	122	583883	43.932	ng	#	71
28) bis(2-Chloroethoxy)methane	9.65	93	894915	44.627	ng		99
29) 2,4-Dichlorophenol	9.86	162	677156	45.104	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	783693	42.699	ng		98
31) Naphthalene	10.26	128	1900118	44.523	ng		99
32) Benzoic acid	9.55	122	383381	36.765	ng	#	76
33) 4-Chloroaniline	10.37	127	407402	23.694	ng	#	74
34) Hexachlorobutadiene	10.55	225	612938	43.039	ng		100
35) Caprolactam	11.16	113	141478m	35.396	ng		
36) 4-Chloro-3-methylphenol	11.51	107	802577	44.194	ng	#	77
37) 2-Methylnaphthalene	11.88	142	1515335	49.435	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1077257	43.140	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1577743	110.217	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	671145	43.648	ng		99
43) 2,4,5-Trichlorophenol	12.58	196	697098	45.920	ng	#	87
45) 1,1'-Biphenyl	12.92	154	2079269	41.661	ng		98
46) 2-Chloronaphthalene	12.96	162	1662720	45.435	ng		94
47) 2-Nitroaniline	13.17	65	567190	47.148	ng	#	73
48) Acenaphthylene	13.82	152	2466621	45.318	ng		98
49) Dimethylphthalate	13.57	163	2131864	43.742	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	436338	45.644	ng	#	55
51) Acenaphthene	14.16	154	1520149	45.707	ng		99
52) 3-Nitroaniline	14.02	138	323084	37.177	ng	#	52
53) 2,4-Dinitrophenol	14.22	184	604872	91.532	ng	#	88
54) Dibenzofuran	14.50	168	2650020	49.258	ng	#	90
55) 4-Nitrophenol	14.33	139	577132	76.465	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	625338	47.142	ng		94
57) Fluorene	15.15	166	2162398	46.757	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	721429	51.146	ng	#	100
59) Diethylphthalate	14.95	149	2196936	45.643	ng		100
60) 4-Chlorophenyl-phenylether	15.16	204	1365739	48.074	ng		100
61) 4-Nitroaniline	15.19	138	398623	43.885	ng	#	1
62) Azobenzene	15.45	77	2610965	53.420	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	391156	43.803	ng		91
65) n-Nitrosodiphenylamine	15.37	169	1866412	48.166	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	865175	50.412	ng	#	87
67) Hexachlorobenzene	16.16	284	884086	45.050	ng	#	82
68) Atrazine	16.34	200	553461	34.489	ng		97
69) Pentachlorophenol	16.50	266	1128881	89.732	ng		96
70) Phenanthrene	16.89	178	3512348	49.856	ng		100
71) Anthracene	16.99	178	3524053	50.393	ng		98
72) Carbazole	17.26	167	2814892	45.704	ng		99
73) Di-n-butylphthalate	17.84	149	3433526	47.121	ng	#	96
74) Fluoranthene	18.92	202	4118283	47.201	ng		98
76) Benzidine	19.12	184	709734	19.683	ng		99
77) Pyrene	19.29	202	4166433	53.337	ng		99
79) Butylbenzylphthalate	20.22	149	1352835	49.467	ng	#	75
80) Benzo(a)anthracene	21.05	228	3800063	48.670	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1108080	36.094	ng	#	97
82) Chrysene	21.10	228	3552625	47.777	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1877015	47.131	ng	#	99
84) Di-n-octyl phthalate	21.86	149	3031043	46.452	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	4264379	50.013	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3693170	48.225	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	3565304	48.741	ng	#	94
89) Benzo(a)pyrene	23.10	252	3482948	49.966	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3539532	52.316	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	3566236	53.622	ng	#	84

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

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