Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000044.D
Acq On : 07 Feb 2018 20:23
Operator : JU/SJ
Sample : MDL-S-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:35 PM

Quant Time: Feb 08 13:52:08 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	318989	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1570371	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1004977	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2410365	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2679854	20.00	ng		0.00
86) Perylene-d12	24.40	264	2790666	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	3059171	156.30	ng		0.00
7) Phenol-d6	7.59	99	4335372	146.23	ng		0.00
23) Nitrobenzene-d5	9.65	82	2171224	82.20	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1282040	128.88	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	5914879	82.95	ng		0.00
78) Terphenyl-d14	20.36	244	9162025	92.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	25562	3.246	ng	#	95
3) Pyridine	4.14	79	52353m	2.135	ng		
4) n-Nitrosodimethylamine	4.01	42	23032	3.322	ng	#	93
6) Aniline	7.77	93	108188	2.649	ng	#	90
8) 2-Chlorophenol	8.02	128	86185	3.765	ng		95
9) Benzaldehyde	7.59	77	68568	3.718	ng		96
10) Phenol	7.62	94	123462	3.945	ng		96
11) bis(2-Chloroethyl)ether	7.87	93	80805	3.139	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	78727	3.027	ng		99
13) 1,4-Dichlorobenzene	8.50	146	82471	3.105	ng		95
14) 1,2-Dichlorobenzene	8.83	146	82969	3.174	ng		98
15) Benzyl Alcohol	8.70	79	59298	2.783	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	83741	3.074	ng		81
17) 2-Methylphenol	8.90	107	70626	3.176	ng		93
18) Hexachloroethane	9.58	117	26613	2.879	ng	#	79
19) n-Nitroso-di-n-propylamine	9.27	70	47545	2.393	ng	#	84
20) 3+4-Methylphenols	9.22	107	90128	2.898	ng		95
22) Acetophenone	9.30	105	124194	2.822	ng	#	87
24) Nitrobenzene	9.69	77	97819	3.388	ng	#	97
25) Isophorone	10.21	82	138835	2.543	ng	#	94
26) 2-Nitrophenol	10.40	139	20018	8.631	ng		91
27) 2,4-Dimethylphenol	10.45	122	85205	3.600	ng		94
28) bis(2-Chloroethoxy)methane	10.69	93	111357	3.180	ng		94
29) 2,4-Dichlorophenol	10.94	162	59084	2.697	ng		94
30) 1,2,4-Trichlorobenzene	11.16	180	74441	2.951	ng		96
31) Naphthalene	11.36	128	272461	3.165	ng		99
32) Benzoic acid	10.47	122	14913m	11.205	ng		
33) 4-Chloroaniline	11.46	127	104796	2.771	ng	#	94
34) Hexachlorobutadiene	11.63	225	37328	2.854	ng		97
35) Caprolactam	12.18	113	16779	5.624	ng		92
36) 4-Chloro-3-methylphenol	12.53	107	71352	2.566	ng		98
37) 2-Methylnaphthalene	12.93	142	189144	3.158	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	84215	2.839	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	27618	2.234	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	36159	2.034	ng		99
43) 2,4,5-Trichlorophenol	13.59	196	43063	2.015	ng	#	91
45) 1,1'-Biphenyl	13.92	154	278748	3.149	ng		97
46) 2-Chloronaphthalene	13.97	162	195777	2.948	ng		96
47) 2-Nitroaniline	14.15	65	29630	6.245	ng	#	82
48) Acenaphthylene	14.80	152	276955	2.588	ng		98
49) Dimethylphthalate	14.52	163	236871	2.820	ng		99
50) 2,6-Dinitrotoluene	14.63	165	30158	1.739	ng	#	90
51) Acenaphthene	15.14	154	202956	2.914	ng		97
52) 3-Nitroaniline	14.96	138	38056	1.805	ng		93
53) 2,4-Dinitrophenol	15.17	184	6331	10.138	ng	#	1
54) Dibenzofuran	15.47	168	329657	3.342	ng		94
55) 4-Nitrophenol	15.24	139	25015	6.334	ng	#	85
56) 2,4-Dinitrotoluene	15.41	165	37648	5.567	ng		96
57) Fluorene	16.11	166	253915	3.153	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	37012m	2.194	ng		
59) Diethylphthalate	15.86	149	238410	2.793	ng		97
60) 4-Chlorophenyl-phenylether	16.10	204	120293	3.277	ng		93
61) 4-Nitroaniline	16.11	138	40114	1.852	ng		94
62) Azobenzene	16.39	77	234416	2.758	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	11107	9.504	ng	#	79
65) n-Nitrosodiphenylamine	16.30	169	209797	2.675	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	63666	2.778	ng	#	82
67) Hexachlorobenzene	17.10	284	78290	2.925	ng	#	87
68) Atrazine	17.23	200	56150	2.200	ng		97
69) Pentachlorophenol	17.44	266	24525	7.064	ng		98
70) Phenanthrene	17.84	178	461424	3.241	ng		99
71) Anthracene	17.93	178	397488	2.883	ng		99
72) Carbazole	18.19	167	385160	2.773	ng		96
73) Di-n-butylphthalate	18.73	149	295504	1.927	ng	#	98
74) Fluoranthene	19.82	202	442975	2.966	ng		94
76) Benzidine	19.98	184	92816	1.087	ng		95
77) Pyrene	20.17	202	489711	2.875	ng		98
79) Butylbenzylphthalate	21.03	149	105909	6.540	ng	#	96
80) Benzo(a)anthracene	21.90	228	500716	3.040	ng		97
81) 3,3'-Dichlorobenzidine	21.82	252	122769	2.029	ng	#	98
82) Chrysene	21.95	228	525391	3.201	ng		98
83) Bis(2-ethylhexyl)phthalate	21.80	149	158508	4.145	ng	#	91
84) Di-n-octyl phthalate	22.76	149	241457	7.634	ng		99
85) Indeno(1,2,3-cd)pyrene	26.96	276	539744	2.677	ng	#	86
87) Benzo(b)fluoranthene	23.65	252	482297	2.953	ng	#	95
88) Benzo(k)fluoranthene	23.69	252	491661	2.989	ng	#	95
89) Benzo(a)pyrene	24.29	252	446635	2.851	ng	#	95
90) Dibenzo(a,h)anthracene	26.98	278	459493	2.805	ng	#	92
91) Benzo(g,h,i)perylene	27.74	276	466068	2.814	ng	#	89

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

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