Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000045.D
Acq On : 07 Feb 2018 20:58
Operator : JU/SJ
Sample : MDL-S-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-07

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

Quant Time: Feb 08 13:54:40 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	337684	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1648612	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1038129	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2470510	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2744934	20.00	ng		0.00
86) Perylene-d12	24.42	264	2835739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	3388206	163.53	ng		0.00
7) Phenol-d6	7.59	99	4800491	152.95	ng		0.00
23) Nitrobenzene-d5	9.65	82	2420266	87.28	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1410865	137.30	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6484647	88.04	ng		0.00
78) Terphenyl-d14	20.36	244	9729394	95.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	27882	3.344	ng	#	85
3) Pyridine	4.13	79	61151	2.356	ng		99
4) n-Nitrosodimethylamine	4.01	42	22820	3.109	ng	#	81
6) Aniline	7.78	93	120643	2.790	ng		91
8) 2-Chlorophenol	8.02	128	99827	4.120	ng		87
9) Benzaldehyde	7.59	77	77939	3.992	ng		98
10) Phenol	7.62	94	141080	4.258	ng		92
11) bis(2-Chloroethyl)ether	7.87	93	93390	3.427	ng		85
12) 1,3-Dichlorobenzene	8.36	146	91127	3.310	ng		97
13) 1,4-Dichlorobenzene	8.50	146	93611	3.330	ng		96
14) 1,2-Dichlorobenzene	8.83	146	92086	3.327	ng		98
15) Benzyl Alcohol	8.70	79	68131	3.020	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.00	45	95807	3.322	ng		77
17) 2-Methylphenol	8.90	107	79606	3.381	ng		90
18) Hexachloroethane	9.57	117	29143	2.978	ng	#	80
19) n-Nitroso-di-n-propylamine	9.27	70	55221	2.626	ng	#	84
20) 3+4-Methylphenols	9.22	107	101320	3.077	ng		93
22) Acetophenone	9.30	105	140466	3.041	ng	#	87
24) Nitrobenzene	9.69	77	113239	3.736	ng	#	91
25) Isophorone	10.21	82	163298	2.849	ng		96
26) 2-Nitrophenol	10.40	139	23443	8.797	ng		92
27) 2,4-Dimethylphenol	10.45	122	103258	4.155	ng		94
28) bis(2-Chloroethoxy)methane	10.69	93	128123	3.485	ng		98
29) 2,4-Dichlorophenol	10.94	162	67540	2.937	ng		98
30) 1,2,4-Trichlorobenzene	11.16	180	85423	3.226	ng		96
31) Naphthalene	11.36	128	304333	3.367	ng		99
32) Benzoic acid	10.48	122	14978m	11.176	ng		
33) 4-Chloroaniline	11.46	127	120441	3.033	ng		95
34) Hexachlorobutadiene	11.64	225	41587	3.028	ng		96
35) Caprolactam	12.17	113	18630	5.717	ng		92
36) 4-Chloro-3-methylphenol	12.53	107	82363	2.821	ng		98
37) 2-Methylnaphthalene	12.93	142	212959	3.386	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	97690	3.188	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	30927	2.421	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	43552	2.371 ng		95
43) 2,4,5-Trichlorophenol	13.59	196	53513	2.424 ng	#	90
45) 1,1'-Biphenyl	13.92	154	323964	3.543 ng		97
46) 2-Chloronaphthalene	13.97	162	225010	3.280 ng		97
47) 2-Nitroaniline	14.16	65	35928	6.482 ng		93
48) Acenaphthylene	14.80	152	321032	2.905 ng		96
49) Dimethylphthalate	14.52	163	273637	3.153 ng		99
50) 2,6-Dinitrotoluene	14.63	165	37651	2.102 ng		95
51) Acenaphthene	15.14	154	232059	3.225 ng		97
52) 3-Nitroaniline	14.96	138	44539	2.045 ng		91
53) 2,4-Dinitrophenol	15.16	184	7661	10.294 ng	#	51
54) Dibenzofuran	15.47	168	371416	3.645 ng		96
55) 4-Nitrophenol	15.24	139	28632	6.481 ng		92
56) 2,4-Dinitrotoluene	15.41	165	44118	5.753 ng	#	95
57) Fluorene	16.11	166	292044	3.510 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	43451m	2.494 ng		
59) Diethylphthalate	15.86	149	274786	3.116 ng		96
60) 4-Chlorophenyl-phenylether	16.10	204	136196	3.592 ng		92
61) 4-Nitroaniline	16.11	138	47660	2.130 ng		97
62) Azobenzene	16.39	77	269482	3.070 ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	12682	9.595 ng		90
65) n-Nitrosodiphenylamine	16.30	169	245057	3.048 ng		97
66) 4-Bromophenyl-phenylether	16.99	248	72702	3.095 ng	#	88
67) Hexachlorobenzene	17.10	284	84476	3.079 ng	#	86
68) Atrazine	17.23	200	62094	2.373 ng		93
69) Pentachlorophenol	17.43	266	27564	7.184 ng		91
70) Phenanthrene	17.84	178	512209	3.510 ng		97
71) Anthracene	17.93	178	448471	3.174 ng		97
72) Carbazole	18.19	167	434636	3.053 ng		97
73) Di-n-butylphthalate	18.72	149	341477	2.173 ng		98
74) Fluoranthene	19.82	202	503683	3.290 ng		94
76) Benzidine	19.98	184	101703	1.162 ng		98
77) Pyrene	20.17	202	549511	3.150 ng		99
79) Butylbenzylphthalate	21.03	149	120642	6.670 ng	#	92
80) Benzo(a)anthracene	21.90	228	557156	3.302 ng		99
81) 3,3'-Dichlorobenzidine	21.83	252	139164	2.246 ng	#	96
82) Chrysene	21.96	228	587572	3.495 ng		97
83) Bis(2-ethylhexyl)phthalate	21.80	149	183456	4.307 ng	#	91
84) Di-n-octyl phthalate	22.77	149	271547	7.723 ng		98
85) Indeno(1,2,3-cd)pyrene	26.99	276	607022	2.939 ng	#	86
87) Benzo(b)fluoranthene	23.66	252	518849	3.126 ng	#	95
88) Benzo(k)fluoranthene	23.71	252	563748	3.372 ng	#	95
89) Benzo(a)pyrene	24.31	252	482594	3.032 ng	#	94
90) Dibenzo(a,h)anthracene	27.00	278	515224	3.095 ng	#	89
91) Benzo(g,h,i)perylene	27.77	276	510599	3.034 ng	#	89

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

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