Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000028.D
Acq On : 06 Feb 2018 12:27
Operator :
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
Sohil
2/7/2018 5:15:38 PM

Quant Time: Feb 07 16:44:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	332521	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1632361	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	1024235	20.00	ng		-0.01
63) Phenanthrene-d10	17.80	188	2430225	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2748767	20.00	ng		-0.02
86) Perylene-d12	24.42	264	2842766	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2988174	132.50	ng		0.00
7) Phenol-d6	7.59	99	4222424	123.26	ng		0.00
23) Nitrobenzene-d5	9.65	82	2066518	76.55	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1154301	112.11	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5709362	74.65	ng		-0.01
78) Terphenyl-d14	20.37	244	8718890	83.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	26402	2.959	ng		92
3) Pyridine	4.15	79	51081	1.888	ng		96
4) n-Nitrosodimethylamine	4.02	42	21283	2.673	ng	#	93
6) Aniline	7.78	93	112329	2.405	ng		92
8) 2-Chlorophenol	8.02	128	85863	3.442	ng		94
9) Benzaldehyde	7.59	77	69375	1.626	ng		92
10) Phenol	7.62	94	123363	3.523	ng		91
11) bis(2-Chloroethyl)ether	7.88	93	80762	2.891	ng		84
12) 1,3-Dichlorobenzene	8.36	146	80166	2.894	ng		98
13) 1,4-Dichlorobenzene	8.51	146	84401	2.967	ng		96
14) 1,2-Dichlorobenzene	8.83	146	82365	2.931	ng		96
15) Benzyl Alcohol	8.70	79	60246	2.395	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.00	45	85267	2.822	ng		82
17) 2-Methylphenol	8.90	107	68731	2.722	ng		96
18) Hexachloroethane	9.58	117	26836	2.751	ng	#	80
19) n-Nitroso-di-n-propylamine	9.27	70	47428	2.055	ng	#	87
20) 3+4-Methylphenols	9.23	107	86271	2.440	ng		91
22) Acetophenone	9.30	105	123150	2.554	ng	#	87
24) Nitrobenzene	9.69	77	98199	3.392	ng	#	94
25) Isophorone	10.22	82	139307	2.179	ng		97
26) 2-Nitrophenol	10.41	139	17975	8.913	ng		94
27) 2,4-Dimethylphenol	10.45	122	94430	3.602	ng		91
28) bis(2-Chloroethoxy)methane	10.70	93	110856	3.006	ng		94
29) 2,4-Dichlorophenol	10.95	162	53666	2.386	ng		95
30) 1,2,4-Trichlorobenzene	11.17	180	75117	2.851	ng		97
31) Naphthalene	11.36	128	269789	2.947	ng		98
32) Benzoic acid	10.48	122	21029m	7.817	ng		
33) 4-Chloroaniline	11.46	127	106150	2.501	ng		96
34) Hexachlorobutadiene	11.65	225	38185	2.845	ng		91
35) Caprolactam	12.17	113	15455	1.546	ng		88
36) 4-Chloro-3-methylphenol	12.54	107	70036	2.290	ng		97
37) 2-Methylnaphthalene	12.94	142	189231	2.925	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	84249	2.824	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	26309	2.640	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	35529	2.015	ng		95
43) 2,4,5-Trichlorophenol	13.59	196	40578	1.954	ng	#	84
45) 1,1'-Biphenyl	13.93	154	280194	3.062	ng		97
46) 2-Chloronaphthalene	13.97	162	193896	2.822	ng		94
47) 2-Nitroaniline	14.16	65	28795	8.572	ng		99
48) Acenaphthylene	14.81	152	275221	2.386	ng		99
49) Dimethylphthalate	14.52	163	229910	2.512	ng		99
50) 2,6-Dinitrotoluene	14.64	165	26286	6.880	ng		91
51) Acenaphthene	15.15	154	197606	2.714	ng		97
52) 3-Nitroaniline	14.97	138	34190	7.431	ng		95
53) 2,4-Dinitrophenol	15.17	184	5779	6.025	ng	#	26
54) Dibenzofuran	15.47	168	326729	3.128	ng		94
55) 4-Nitrophenol	15.24	139	21549	8.080	ng		89
56) 2,4-Dinitrotoluene	15.42	165	31666	8.258	ng	#	93
57) Fluorene	16.12	166	250962	2.853	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.69	232	35470	2.097	ng	#	84
59) Diethylphthalate	15.87	149	224170	2.344	ng		96
60) 4-Chlorophenyl-phenylether	16.10	204	118111	3.038	ng		90
61) 4-Nitroaniline	16.11	138	35554	7.423	ng		94
62) Azobenzene	16.39	77	231368	2.421	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	10054	9.877	ng		92
65) n-Nitrosodiphenylamine	16.31	169	205003	2.581	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	62222	2.736	ng	#	84
67) Hexachlorobenzene	17.11	284	73583	2.809	ng	#	88
68) Atrazine	17.24	200	50891	2.102	ng		97
69) Pentachlorophenol	17.45	266	22672	1.445	ng		99
70) Phenanthrene	17.85	178	446513	3.054	ng		99
71) Anthracene	17.93	178	385965	2.664	ng		98
72) Carbazole	18.19	167	370329	2.471	ng		96
73) Di-n-butylphthalate	18.73	149	273424	1.643	ng	#	98
74) Fluoranthene	19.82	202	430540	2.593	ng		95
76) Benzidine	19.99	184	91238	1.311	ng		98
77) Pyrene	20.18	202	476242	2.746	ng		100
79) Butylbenzylphthalate	21.04	149	86560	6.073	ng	#	97
80) Benzo(a)anthracene	21.91	228	491518	2.884	ng		97
81) 3,3'-Dichlorobenzidine	21.83	252	108243	1.895	ng	#	95
82) Chrysene	21.96	228	511858	3.024	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	137959	1.206	ng	#	93
84) Di-n-octyl phthalate	22.78	149	202092	1.092	ng		100
85) Indeno(1,2,3-cd)pyrene	26.99	276	516955	2.368	ng	#	86
87) Benzo(b)fluoranthene	23.66	252	445120	2.633	ng	#	92
88) Benzo(k)fluoranthene	23.71	252	481950	2.844	ng	#	95
89) Benzo(a)pyrene	24.31	252	417623	2.543	ng	#	93
90) Dibenzo(a,h)anthracene	27.00	278	430514	2.505	ng	#	90
91) Benzo(g,h,i)perylene	27.78	276	441552	2.528	ng	#	89

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

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