Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000025.D
Acq On : 06 Feb 2018 10:45
Operator :
Sample : MDL-S-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-04

Manual Integrations APPROVED
Sohil
2/7/2018 5:15:27 PM

Quant Time: Feb 07 16:40:48 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	317426	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1535373	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	950540	20.00	ng		-0.01
63) Phenanthrene-d10	17.80	188	2294245	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2695823	20.00	ng		-0.02
86) Perylene-d12	24.42	264	2848146	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	3189573	148.15	ng		0.00
7) Phenol-d6	7.59	99	4507152	137.83	ng		0.00
23) Nitrobenzene-d5	9.65	82	2198678	86.59	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1246885	130.49	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6027833	84.93	ng		-0.01
78) Terphenyl-d14	20.37	244	9418280	92.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	25835	3.033	ng	#	89
3) Pyridine	4.15	79	43320	1.677	ng		97
4) n-Nitrosodimethylamine	4.02	42	21795	2.868	ng	#	84
6) Aniline	7.78	93	114366	2.566	ng		92
8) 2-Chlorophenol	8.02	128	88992	3.737	ng		92
9) Benzaldehyde	7.59	77	72632	1.957	ng		98
10) Phenol	7.62	94	127232	3.806	ng		94
11) bis(2-Chloroethyl)ether	7.88	93	83317	3.124	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	82810	3.132	ng		98
13) 1,4-Dichlorobenzene	8.51	146	84843	3.124	ng		96
14) 1,2-Dichlorobenzene	8.83	146	82305	3.068	ng		94
15) Benzyl Alcohol	8.70	79	60976	2.539	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.00	45	88060	3.053	ng		79
17) 2-Methylphenol	8.90	107	70722	2.934	ng		96
18) Hexachloroethane	9.58	117	26874	2.886	ng	#	75
19) n-Nitroso-di-n-propylamine	9.27	70	49659	2.254	ng	#	82
20) 3+4-Methylphenols	9.23	107	88903	2.634	ng		95
22) Acetophenone	9.30	105	126813	2.796	ng	#	87
24) Nitrobenzene	9.69	77	100543	3.692	ng	#	96
25) Isophorone	10.22	82	145461	2.419	ng		96
26) 2-Nitrophenol	10.41	139	18337	9.043	ng		98
27) 2,4-Dimethylphenol	10.45	122	92347	3.745	ng		97
28) bis(2-Chloroethoxy)methane	10.70	93	112327	3.238	ng		97
29) 2,4-Dichlorophenol	10.95	162	57974	2.740	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	77070	3.110	ng	#	97
31) Naphthalene	11.36	128	282275	3.278	ng		97
32) Benzoic acid	10.47	122	17244m	7.630	ng		
33) 4-Chloroaniline	11.46	127	105678	2.647	ng		95
34) Hexachlorobutadiene	11.65	225	37491	2.970	ng		91
35) Caprolactam	12.17	113	15206	1.617	ng		95
36) 4-Chloro-3-methylphenol	12.54	107	70531	2.451	ng		93
37) 2-Methylnaphthalene	12.94	142	189430	3.113	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	86273	3.116	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	26035	2.815	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	34606	2.115	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	39613	2.055	ng	#	89
45) 1,1'-Biphenyl	13.93	154	284299	3.347	ng		98
46) 2-Chloronaphthalene	13.97	162	198598	3.115	ng		96
47) 2-Nitroaniline	14.16	65	28494	8.662	ng		92
48) Acenaphthylene	14.81	152	281402	2.628	ng		97
49) Dimethylphthalate	14.52	163	231360	2.723	ng		98
50) 2,6-Dinitrotoluene	14.64	165	28266	7.087	ng		92
51) Acenaphthene	15.15	154	205123	3.036	ng		98
52) 3-Nitroaniline	14.97	138	34602	7.554	ng		93
53) 2,4-Dinitrophenol	15.17	184	5918	6.192	ng	#	29
54) Dibenzofuran	15.47	168	333078	3.436	ng		95
55) 4-Nitrophenol	15.24	139	20812	8.125	ng		98
56) 2,4-Dinitrotoluene	15.42	165	32892	8.393	ng	#	94
57) Fluorene	16.12	166	256868	3.147	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	35250m	2.246	ng		
59) Diethylphthalate	15.87	149	234124	2.638	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	119695	3.317	ng		93
61) 4-Nitroaniline	16.11	138	39271	7.677	ng		95
62) Azobenzene	16.39	77	238654	2.691	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	10934	10.021	ng		93
65) n-Nitrosodiphenylamine	16.31	169	209262	2.791	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	65468	3.049	ng	#	85
67) Hexachlorobenzene	17.10	284	78592	3.178	ng	#	84
68) Atrazine	17.23	200	54230	2.373	ng		92
69) Pentachlorophenol	17.45	266	23797	1.606	ng		94
70) Phenanthrene	17.85	178	460519	3.336	ng		100
71) Anthracene	17.93	178	400162	2.926	ng		98
72) Carbazole	18.19	167	396673	2.804	ng		98
73) Di-n-butylphthalate	18.73	149	291688	1.856	ng	#	99
74) Fluoranthene	19.82	202	458342	2.924	ng		93
76) Benzidine	19.99	184	94220	1.381	ng	#	91
77) Pyrene	20.18	202	509154	2.994	ng		98
79) Butylbenzylphthalate	21.04	149	95430	6.200	ng		93
80) Benzo(a)anthracene	21.91	228	527181	3.154	ng		97
81) 3,3'-Dichlorobenzidine	21.83	252	120517	2.152	ng	#	98
82) Chrysene	21.96	228	552290	3.327	ng		97
83) Bis(2-ethylhexyl)phthalate	21.82	149	159975	1.426	ng	#	92
84) Di-n-octyl phthalate	22.78	149	232256	1.279	ng		99
85) Indeno(1,2,3-cd)pyrene	26.99	276	571072	2.667	ng	#	85
87) Benzo(b)fluoranthene	23.66	252	505991	2.988	ng	#	94
88) Benzo(k)fluoranthene	23.71	252	508251	2.993	ng	#	95
89) Benzo(a)pyrene	24.31	252	458098	2.785	ng	#	93
90) Dibenzo(a,h)anthracene	27.00	278	487778	2.833	ng	#	90
91) Benzo(g,h,i)perylene	27.77	276	492986	2.817	ng	#	90

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

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