Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000018.D
Acq On : 05 Feb 2018 14:42
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
2/6/2018 5:15:41 PM

Quant Time: Feb 06 16:57:35 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	276517	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1365110	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	827688	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	1937429	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2262337	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2431843	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2287792	121.99	ng		0.00
7) Phenol-d6	7.59	99	3277829	115.07	ng		0.00
23) Nitrobenzene-d5	9.65	82	2104474	93.22	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1027080	123.44	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5794747	93.76	ng		0.00
78) Terphenyl-d14	20.37	244	8081364	94.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	22080	2.976	ng		98
3) Pyridine	4.15	79	51355	2.282	ng	#	91
4) n-Nitrosodimethylamine	4.02	42	19178	2.897	ng	#	85
6) Aniline	7.78	93	100992	2.601	ng		90
8) 2-Chlorophenol	8.03	128	59125	2.850	ng		93
9) Benzaldehyde	7.59	77	59357	1.725	ng		94
10) Phenol	7.62	94	83087	2.853	ng		97
11) bis(2-Chloroethyl)ether	7.88	93	68296	2.940	ng		86
12) 1,3-Dichlorobenzene	8.36	146	70340	3.054	ng		95
13) 1,4-Dichlorobenzene	8.51	146	70710	2.989	ng		96
14) 1,2-Dichlorobenzene	8.84	146	73744	3.155	ng		98
15) Benzyl Alcohol	8.70	79	46543	2.225	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	74213	2.954	ng		77
17) 2-Methylphenol	8.90	107	49502	2.358	ng		98
18) Hexachloroethane	9.59	117	22171	2.733	ng	#	79
19) n-Nitroso-di-n-propylamine	9.28	70	44574	2.322	ng	#	83
20) 3+4-Methylphenols	9.23	107	64369	2.189	ng		94
22) Acetophenone	9.30	105	112788	2.797	ng	#	88
24) Nitrobenzene	9.69	77	83731	3.458	ng	#	95
25) Isophorone	10.22	82	121822	2.278	ng		96
26) 2-Nitrophenol	10.41	139	13727	1.621	ng		92
27) 2,4-Dimethylphenol	10.46	122	57030	2.601	ng		90
28) bis(2-Chloroethoxy)methane	10.70	93	85674	2.778	ng		95
29) 2,4-Dichlorophenol	10.95	162	35829	1.904	ng		92
30) 1,2,4-Trichlorobenzene	11.17	180	66668	3.026	ng		94
31) Naphthalene	11.37	128	236580	3.090	ng		97
32) Benzoic acid	10.48	122	11073m	7.275	ng		
33) 4-Chloroaniline	11.46	127	88471	2.493	ng		97
34) Hexachlorobutadiene	11.65	225	34881	3.108	ng		98
35) Caprolactam	12.18	113	12174	1.456	ng	#	87
36) 4-Chloro-3-methylphenol	12.54	107	46027	1.799	ng		97
37) 2-Methylnaphthalene	12.95	142	157020	2.902	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	73391	3.044	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	18791	2.334	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	24586	1.725	ng		97
43) 2,4,5-Trichlorophenol	13.59	196	29821	1.777	ng	#	86
45) 1,1'-Biphenyl	13.93	154	238744	3.228	ng		99
46) 2-Chloronaphthalene	13.97	162	168239	3.030	ng		95
47) 2-Nitroaniline	14.16	65	22671	1.512	ng		96
48) Acenaphthylene	14.81	152	234362	2.514	ng		97
49) Dimethylphthalate	14.52	163	191643	2.591	ng		99
50) 2,6-Dinitrotoluene	14.64	165	20258	1.384	ng	#	90
51) Acenaphthene	15.15	154	172717	2.936	ng		97
52) 3-Nitroaniline	14.97	138	25275	1.398	ng	#	96
53) 2,4-Dinitrophenol	15.17	184	5008	6.142	ng		99
54) Dibenzofuran	15.47	168	258416	3.061	ng		94
55) 4-Nitrophenol	15.25	139	14590	1.072	ng		93
56) 2,4-Dinitrotoluene	15.42	165	24079	1.221	ng	#	95
57) Fluorene	16.12	166	204156	2.872	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	24796	1.814	ng	#	84
59) Diethylphthalate	15.87	149	188026	2.433	ng		97
60) 4-Chlorophenyl-phenylether	16.11	204	94266	3.000	ng		90
61) 4-Nitroaniline	16.12	138	27086	1.409	ng		93
62) Azobenzene	16.40	77	182671	2.365	ng		92
64) 4,6-Dinitro-2-methylphenol	16.17	198	8691	1.224	ng		91
65) n-Nitrosodiphenylamine	16.32	169	166672	2.633	ng		95
66) 4-Bromophenyl-phenylether	17.00	248	50676	2.795	ng	#	83
67) Hexachlorobenzene	17.11	284	62986	3.016	ng	#	82
68) Atrazine	17.24	200	43164	2.237	ng		89
69) Pentachlorophenol	17.45	266	19991	1.598	ng		93
70) Phenanthrene	17.85	178	370333	3.177	ng		100
71) Anthracene	17.94	178	312832	2.709	ng		98
72) Carbazole	18.20	167	310988	2.603	ng		97
73) Di-n-butylphthalate	18.74	149	232178	1.750	ng	#	98
74) Fluoranthene	19.83	202	348736	2.635	ng		94
76) Benzidine	19.99	184	99102	1.731	ng		96
77) Pyrene	20.19	202	399389	2.798	ng		99
79) Butylbenzylphthalate	21.05	149	66962	1.061	ng	#	89
80) Benzo(a)anthracene	21.92	228	406927	2.901	ng		98
81) 3,3'-Dichlorobenzidine	21.83	252	86757	1.846	ng	#	97
82) Chrysene	21.97	228	447089	3.209	ng		97
83) Bis(2-ethylhexyl)phthalate	21.82	149	120099	1.276	ng	#	90
84) Di-n-octyl phthalate	22.79	149	165471	1.086	ng		99
85) Indeno(1,2,3-cd)pyrene	27.00	276	456782	2.542	ng	#	85
87) Benzo(b)fluoranthene	23.66	252	396441	2.742	ng	#	95
88) Benzo(k)fluoranthene	23.72	252	410599	2.832	ng	#	95
89) Benzo(a)pyrene	24.32	252	360391	2.566	ng	#	94
90) Dibenzo(a,h)anthracene	27.02	278	392178	2.667	ng	#	89
91) Benzo(g,h,i)perylene	27.79	276	394370	2.639	ng	#	88

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

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