Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000014.D
Acq On : 05 Feb 2018 12:25
Operator : SJ/JU
Sample : MDL-S-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
Sohil
2/6/2018 5:15:20 PM

Quant Time: Feb 06 16:49:09 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	338717	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1678736	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	1011128	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	2288439	20.00	ng		0.00
75) Chrysene-d12	21.96	240	2478930	20.00	ng		0.01
86) Perylene-d12	24.48	264	2566366	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2809503	122.30	ng		-0.01
7) Phenol-d6	7.59	99	4031583	115.54	ng		-0.01
23) Nitrobenzene-d5	9.65	82	2523609	90.90	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1270216	124.97	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6729305	89.13	ng		0.00
78) Terphenyl-d14	20.38	244	8479114	90.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	29915	3.292	ng		98
3) Pyridine	4.13	79	69856	2.534	ng		96
4) n-Nitrosodimethylamine	4.02	42	26256	3.238	ng	#	87
6) Aniline	7.78	93	136643	2.873	ng		92
8) 2-Chlorophenol	8.02	128	81360	3.201	ng		86
9) Benzaldehyde	7.59	77	78299	1.996	ng		95
10) Phenol	7.62	94	108362	3.038	ng		92
11) bis(2-Chloroethyl)ether	7.87	93	88535	3.111	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	94329	3.343	ng		99
13) 1,4-Dichlorobenzene	8.51	146	93530	3.228	ng		97
14) 1,2-Dichlorobenzene	8.83	146	95156	3.324	ng		91
15) Benzyl Alcohol	8.70	79	62280	2.430	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.00	45	98066	3.186	ng		80
17) 2-Methylphenol	8.90	107	67179	2.612	ng		96
18) Hexachloroethane	9.58	117	30972	3.117	ng	#	75
19) n-Nitroso-di-n-propylamine	9.28	70	60894	2.590	ng	#	87
20) 3+4-Methylphenols	9.23	107	89548	2.486	ng		93
22) Acetophenone	9.30	105	150605	3.037	ng	#	88
24) Nitrobenzene	9.69	77	109267	3.670	ng		97
25) Isophorone	10.22	82	165905	2.523	ng		98
26) 2-Nitrophenol	10.41	139	19840	1.906	ng	#	88
27) 2,4-Dimethylphenol	10.45	122	81428	3.020	ng		93
28) bis(2-Chloroethoxy)methane	10.70	93	113251	2.986	ng		96
29) 2,4-Dichlorophenol	10.95	162	51572	2.229	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	90368	3.336	ng		95
31) Naphthalene	11.36	128	313381	3.329	ng		97
32) Benzoic acid	10.48	122	16933m	7.500	ng		
33) 4-Chloroaniline	11.46	127	116587	2.671	ng		96
34) Hexachlorobutadiene	11.65	225	47816	3.464	ng		98
35) Caprolactam	12.18	113	17258	1.678	ng		90
36) 4-Chloro-3-methylphenol	12.54	107	65025	2.067	ng		97
37) 2-Methylnaphthalene	12.95	142	208629	3.136	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	97875	3.323	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	26510	2.695	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	35796	2.056	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	41943	2.046	ng	#	90
45) 1,1'-Biphenyl	13.93	154	315040	3.487	ng		98
46) 2-Chloronaphthalene	13.97	162	221647	3.268	ng		98
47) 2-Nitroaniline	14.16	65	29777	1.625	ng		91
48) Acenaphthylene	14.81	152	320802	2.817	ng		97
49) Dimethylphthalate	14.52	163	256031	2.833	ng		100
50) 2,6-Dinitrotoluene	14.64	165	28720	1.606	ng	#	85
51) Acenaphthene	15.15	154	229461	3.193	ng		98
52) 3-Nitroaniline	14.97	138	36351	1.646	ng	#	97
53) 2,4-Dinitrophenol	15.17	184	6364	6.211	ng		92
54) Dibenzofuran	15.47	168	340551	3.302	ng		96
55) 4-Nitrophenol	15.25	139	21174	1.273	ng	#	84
56) 2,4-Dinitrotoluene	15.42	165	32302	1.341	ng		93
57) Fluorene	16.12	166	274476	3.161	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	34946	2.093	ng	#	83
59) Diethylphthalate	15.87	149	253579	2.686	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	124378	3.241	ng	#	88
61) 4-Nitroaniline	16.12	138	36464	1.553	ng		87
62) Azobenzene	16.40	77	253007	2.681	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	10890	1.298	ng		90
65) n-Nitrosodiphenylamine	16.32	169	221853	2.967	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	65320	3.050	ng	#	86
67) Hexachlorobenzene	17.11	284	83296	3.376	ng	#	84
68) Atrazine	17.24	200	55879	2.451	ng		92
69) Pentachlorophenol	17.45	266	25182	1.704	ng		99
70) Phenanthrene	17.85	178	464135	3.371	ng		97
71) Anthracene	17.94	178	399213	2.927	ng		97
72) Carbazole	18.20	167	397099	2.814	ng		97
73) Di-n-butylphthalate	18.74	149	307585	1.963	ng	#	97
74) Fluoranthene	19.83	202	442511	2.830	ng		94
76) Benzidine	20.00	184	123026	1.961	ng	#	95
77) Pyrene	20.19	202	500267	3.199	ng		99
79) Butylbenzylphthalate	21.06	149	86232	1.247	ng	#	89
80) Benzo(a)anthracene	21.95	228	483698	3.147	ng		98
81) 3,3'-Dichlorobenzidine	21.86	252	106945	2.076	ng	#	98
82) Chrysene	22.00	228	524394	3.435	ng		98
83) Bis(2-ethylhexyl)phthalate	21.86	149	151213	1.466	ng	#	92
84) Di-n-octyl phthalate	22.83	149	201798	1.209	ng		99
85) Indeno(1,2,3-cd)pyrene	27.06	276	504718	2.563	ng	#	86
87) Benzo(b)fluoranthene	23.72	252	449614	2.947	ng	#	94
88) Benzo(k)fluoranthene	23.76	252	480297	3.139	ng	#	95
89) Benzo(a)pyrene	24.37	252	402603	2.716	ng	#	94
90) Dibenzo(a,h)anthracene	27.08	278	424022	2.733	ng	#	92
91) Benzo(g,h,i)perylene	27.84	276	428325	2.716	ng	#	88

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

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