Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000056.D
Acq On : 09 Feb 2018 13:32
Operator : JU/SJ
Sample : MDL-W-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:42 AM

Quant Time: Feb 12 15:22:47 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	336210	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1710709	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1042787	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	2313641	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2499223	20.00	ng		-0.01
86) Perylene-d12	24.40	264	2604135	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2857105	138.50	ng		0.00
7) Phenol-d6	7.59	99	4159479	133.11	ng		0.00
23) Nitrobenzene-d5	9.65	82	2457728	85.42	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1414317	137.02	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6491565	87.74	ng		0.00
78) Terphenyl-d14	20.36	244	8191586	88.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	35000	4.216	ng		88
3) Pyridine	4.13	79	77896	3.015	ng		97
4) n-Nitrosodimethylamine	4.02	42	21944	3.003	ng		89
6) Aniline	7.77	93	133759	3.107	ng		93
8) 2-Chlorophenol	8.02	128	82952	3.439	ng		93
9) Benzaldehyde	7.58	77	59559	3.064	ng		99
10) Phenol	7.61	94	113112	3.429	ng		94
11) bis(2-Chloroethyl)ether	7.87	93	91221	3.362	ng	#	84
12) 1,3-Dichlorobenzene	8.35	146	97846	3.570	ng		97
13) 1,4-Dichlorobenzene	8.50	146	98140	3.506	ng		99
14) 1,2-Dichlorobenzene	8.83	146	99560	3.613	ng		97
15) Benzyl Alcohol	8.70	79	62731	2.793	ng		86
16) 2,2'-oxybis(1-Chloropropan	9.00	45	99191	3.454	ng		74
17) 2-Methylphenol	8.89	107	68099	2.905	ng		93
18) Hexachloroethane	9.57	117	31815	3.265	ng	#	79
19) n-Nitroso-di-n-propylamine	9.27	70	58646	2.801	ng	#	86
20) 3+4-Methylphenols	9.22	107	90990	2.775	ng		90
22) Acetophenone	9.29	105	155849	3.251	ng	#	88
24) Nitrobenzene	9.69	77	117352	3.731	ng		92
25) Isophorone	10.20	82	165392	2.781	ng		95
26) 2-Nitrophenol	10.40	139	24554	8.812	ng		94
27) 2,4-Dimethylphenol	10.45	122	69749m	2.705	ng		
28) bis(2-Chloroethoxy)methane	10.69	93	122693	3.216	ng		96
29) 2,4-Dichlorophenol	10.93	162	55267	2.316	ng		95
30) 1,2,4-Trichlorobenzene	11.16	180	93842	3.415	ng		96
31) Naphthalene	11.36	128	333350	3.554	ng		97
32) Benzoic acid	10.48	122	17194m	11.243	ng		
33) 4-Chloroaniline	11.45	127	116975	2.839	ng		94
34) Hexachlorobutadiene	11.63	225	49810	3.495	ng		96
35) Caprolactam	12.17	113	17559	5.561	ng		88
36) 4-Chloro-3-methylphenol	12.53	107	67792	2.238	ng		98
37) 2-Methylnaphthalene	12.93	142	222660	3.412	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	107683	3.499	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	32212	2.511	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	39284	2.129	ng		96
43) 2,4,5-Trichlorophenol	13.58	196	47775	2.154	ng	#	92
45) 1,1'-Biphenyl	13.92	154	333697	3.633	ng		97
46) 2-Chloronaphthalene	13.97	162	239479	3.475	ng		99
47) 2-Nitroaniline	14.15	65	34933	6.431	ng	#	78
48) Acenaphthylene	14.80	152	336115	3.027	ng		99
49) Dimethylphthalate	14.51	163	276173	3.168	ng		98
50) 2,6-Dinitrotoluene	14.63	165	35566	1.976	ng		92
51) Acenaphthene	15.14	154	247799	3.429	ng		98
52) 3-Nitroaniline	14.96	138	45261	2.069	ng	#	86
53) 2,4-Dinitrophenol	15.16	184	7837	10.314	ng	#	5
54) Dibenzofuran	15.47	168	367449	3.590	ng		94
55) 4-Nitrophenol	15.23	139	25299	6.300	ng	#	81
56) 2,4-Dinitrotoluene	15.41	165	42659	5.695	ng		92
57) Fluorene	16.11	166	288708	3.455	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	36233	2.070	ng	#	77
59) Diethylphthalate	15.86	149	266740	3.011	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	135887	3.568	ng	#	88
61) 4-Nitroaniline	16.10	138	44435	1.977	ng		98
62) Azobenzene	16.39	77	257635	2.922	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	15090	9.835	ng		85
65) n-Nitrosodiphenylamine	16.30	169	237872	3.160	ng		96
66) 4-Bromophenyl-phenylether	16.98	248	71092	3.231	ng	#	84
67) Hexachlorobenzene	17.10	284	86877	3.381	ng	#	87
68) Atrazine	17.23	200	56825	2.319	ng		93
69) Pentachlorophenol	17.43	266	29297	7.366	ng		96
70) Phenanthrene	17.83	178	487304	3.566	ng		100
71) Anthracene	17.93	178	418614	3.163	ng		98
72) Carbazole	18.19	167	417362	3.131	ng		96
73) Di-n-butylphthalate	18.72	149	325935	2.215	ng		97
74) Fluoranthene	19.81	202	459832	3.207	ng		93
76) Benzidine	19.98	184	106587m	1.338	ng		
77) Pyrene	20.17	202	520766	3.279	ng		99
79) Butylbenzylphthalate	21.03	149	107225	6.639	ng	#	90
80) Benzo(a)anthracene	21.89	228	513656	3.344	ng		98
81) 3,3'-Dichlorobenzidine	21.82	252	119024	2.110	ng	#	97
82) Chrysene	21.95	228	547525	3.577	ng		97
83) Bis(2-ethylhexyl)phthalate	21.79	149	172893	4.356	ng	#	90
84) Di-n-octyl phthalate	22.75	149	238047	7.686	ng		98
85) Indeno(1,2,3-cd)pyrene	26.94	276	548292	2.916	ng	#	86
87) Benzo(b)fluoranthene	23.64	252	489255	3.210	ng	#	96
88) Benzo(k)fluoranthene	23.69	252	501427	3.266	ng	#	95
89) Benzo(a)pyrene	24.29	252	440198	3.011	ng	#	93
90) Dibenzo(a,h)anthracene	26.97	278	463149	3.030	ng	#	93
91) Benzo(g,h,i)perylene	27.73	276	463401	2.998	ng	#	86

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

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