Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000047.D
Acq On : 07 Feb 2018 22:06
Operator : JU/SJ
Sample : MDL-W-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:40 PM

Quant Time: Feb 08 13:57:54 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	273712	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1367434	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	870307	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2093571	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2415619	20.00	ng		0.00
86) Perylene-d12	24.40	264	2547821	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	3270802	194.75	ng		0.00
7) Phenol-d6	7.59	99	4652852	182.90	ng		0.00
23) Nitrobenzene-d5	9.65	82	2319154	100.84	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1369148	158.93	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6253774	101.28	ng		0.00
78) Terphenyl-d14	20.36	244	9700297	108.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	25648	3.795	ng		97
3) Pyridine	4.14	79	50062	2.380	ng	#	95
4) n-Nitrosodimethylamine	4.02	42	20033	3.367	ng	#	93
6) Aniline	7.77	93	109881	3.135	ng		89
8) 2-Chlorophenol	8.02	128	91547	4.661	ng		87
9) Benzaldehyde	7.58	77	69721	4.405	ng		94
10) Phenol	7.62	94	134351	5.003	ng		90
11) bis(2-Chloroethyl)ether	7.87	93	81067	3.670	ng		86
12) 1,3-Dichlorobenzene	8.36	146	81671	3.660	ng		98
13) 1,4-Dichlorobenzene	8.50	146	86043	3.776	ng		97
14) 1,2-Dichlorobenzene	8.83	146	85563	3.814	ng		96
15) Benzyl Alcohol	8.70	79	62240	3.404	ng		85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	88288	3.777	ng		81
17) 2-Methylphenol	8.90	107	74184	3.887	ng		93
18) Hexachloroethane	9.58	117	27275	3.438	ng	#	75
19) n-Nitroso-di-n-propylamine	9.27	70	50985	2.991	ng	#	83
20) 3+4-Methylphenols	9.22	107	96204	3.605	ng		96
22) Acetophenone	9.30	105	132378	3.455	ng	#	86
24) Nitrobenzene	9.69	77	95582	3.801	ng	#	93
25) Isophorone	10.21	82	145943	3.070	ng		96
26) 2-Nitrophenol	10.40	139	22124	9.018	ng		97
27) 2,4-Dimethylphenol	10.45	122	94614	4.590	ng		92
28) bis(2-Chloroethoxy)methane	10.69	93	119465	3.918	ng		95
29) 2,4-Dichlorophenol	10.94	162	63178	3.312	ng		98
30) 1,2,4-Trichlorobenzene	11.16	180	77993	3.551	ng		96
31) Naphthalene	11.36	128	286965	3.828	ng		97
32) Benzoic acid	10.48	122	14866m	11.301	ng		
33) 4-Chloroaniline	11.45	127	108739	3.302	ng		96
34) Hexachlorobutadiene	11.64	225	38814	3.408	ng		92
35) Caprolactam	12.17	113	17290	5.919	ng		88
36) 4-Chloro-3-methylphenol	12.53	107	75703	3.126	ng		96
37) 2-Methylnaphthalene	12.93	142	199065	3.816	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	91473	3.561	ng	#	95
40) Hexachlorocyclopentadiene	13.27	237	29904	2.793	ng		82

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000047.D
Acq On : 07 Feb 2018 22:06
Operator : JU/SJ
Sample : MDL-W-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:40 PM

Quant Time: Feb 08 13:57:54 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)
42) 2,4,6-Trichlorophenol	13.52	196	39911	2.592	ng		99
43) 2,4,5-Trichlorophenol	13.59	196	49538	2.676	ng	#	89
45) 1,1'-Biphenyl	13.92	154	303375	3.958	ng		97
46) 2-Chloronaphthalene	13.97	162	209780	3.648	ng		99
47) 2-Nitroaniline	14.16	65	32095	6.588	ng		86
48) Acenaphthylene	14.80	152	299849	3.236	ng		97
49) Dimethylphthalate	14.52	163	252243	3.467	ng		98
50) 2,6-Dinitrotoluene	14.63	165	32624	2.172	ng	#	89
51) Acenaphthene	15.14	154	217089	3.599	ng		95
52) 3-Nitroaniline	14.96	138	40770	2.233	ng		98
53) 2,4-Dinitrophenol	15.16	184	5778	10.187	ng	#	1
54) Dibenzofuran	15.47	168	352658	4.128	ng		96
55) 4-Nitrophenol	15.24	139	25970	6.604	ng	#	85
56) 2,4-Dinitrotoluene	15.41	165	41109	5.928	ng	#	91
57) Fluorene	16.11	166	274258	3.932	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	39989m	2.738	ng		
59) Diethylphthalate	15.86	149	254913	3.448	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	129013	4.059	ng		94
61) 4-Nitroaniline	16.11	138	43759	2.333	ng		93
62) Azobenzene	16.39	77	248606	3.378	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	12266	9.720	ng		89
65) n-Nitrosodiphenylamine	16.30	169	225601	3.312	ng		98
66) 4-Bromophenyl-phenylether	16.99	248	68001	3.416	ng	#	83
67) Hexachlorobenzene	17.10	284	82258	3.538	ng	#	89
68) Atrazine	17.23	200	57717	2.603	ng		93
69) Pentachlorophenol	17.44	266	25076	7.283	ng		90
70) Phenanthrene	17.84	178	488000	3.946	ng		99
71) Anthracene	17.93	178	425891	3.557	ng		96
72) Carbazole	18.19	167	411063	3.408	ng		96
73) Di-n-butylphthalate	18.73	149	315481	2.369	ng	#	97
74) Fluoranthene	19.82	202	483131	3.724	ng		96
76) Benzidine	19.98	184	88964	1.155	ng		97
77) Pyrene	20.17	202	525641	3.424	ng		99
79) Butylbenzylphthalate	21.03	149	113428	6.759	ng		94
80) Benzo(a)anthracene	21.90	228	560618	3.776	ng		96
81) 3,3'-Dichlorobenzidine	21.82	252	134487	2.466	ng	#	97
82) Chrysene	21.95	228	579036	3.913	ng		97
83) Bis(2-ethylhexyl)phthalate	21.80	149	176176	4.435	ng	#	91
84) Di-n-octyl phthalate	22.76	149	265484	7.833	ng		100
85) Indeno(1,2,3-cd)pyrene	26.96	276	620676	3.415	ng	#	87
87) Benzo(b)fluoranthene	23.64	252	546861	3.667	ng	#	95
88) Benzo(k)fluoranthene	23.69	252	540163	3.596	ng	#	96
89) Benzo(a)pyrene	24.29	252	486064	3.399	ng	#	94
90) Dibenzo(a,h)anthracene	26.97	278	524609	3.508	ng	#	90
91) Benzo(g,h,i)perylene	27.74	276	525514	3.475	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000047.D
Acq On : 07 Feb 2018 22:06
Operator : JU/SJ
Sample : MDL-W-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 13:57:54 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

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:40 PM